

**Flood Control Project Maintenance  
Levee Inspections**

**Fall 2019 Levee Maintenance Deficiency Summary Report**

**Overall LMA & Unit Ratings, including USACE Erosion Survey**

**Sacramento River Basin**

<b>MA0009</b>	Overall LMA Rating	Total LMA Miles						
<b>Sacramento Maintenance Yard Maintenance Area 0009</b>	<b>U</b>	<b>19.35</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.72		0.72	3.72%	1.16	0.20		
Trim / Thin Trees	2.90	0.01	2.94	15.19%				
Encroachments	0.36		0.36	1.86%	1.20	0.19		
Animal Control	0.09	0.01	0.13	0.67%				
Slope Stability	0.20		0.20	1.03%				
Erosion / Bank Caving	0.09	0.02	0.17	0.88%				
Cracking							0.01	
Repair Gates	0.01		0.01	0.05%				
<i>Supplemental</i>								
2017 USACE Erosion Survey	0.33	0.04	0.49	2.53%				
DRAFT DWR UCIP Field Study					0.82	0.06		
2017 Storm Damage	0.02		0.02	0.10%				
<i>LMA Totals:</i>	4.72	0.08	5.04	26.04%	3.18	0.45	0.01	0.00

<b>Unit No. 01 Sacramento River LB</b>	Overall Unit Rating	Total Unit Miles						
<b>MA0009</b>	<b>U</b>	<b>19.35</b>						
Rated Item	Maintenance Deficiency				Enforcement		Design & System Obsolescence	
	M Miles	U Miles	M + 4U Miles	Threshold %	M Miles	U Miles	M Miles	U Miles
<i>Earthen Levee</i>								
Vegetation	0.72		0.72	3.72%	1.16	0.20		
Trim / Thin Trees	2.90	0.01	2.94	15.19%				
Encroachments	0.36		0.36	1.86%	1.20	0.19		
Animal Control	0.09	0.01	0.13	0.67%				
Slope Stability	0.20		0.20	1.03%				
Erosion / Bank Caving	0.09	0.02	0.17	0.88%				
Cracking							0.01	
Repair Gates	0.01		0.01	0.05%				
<i>Supplemental</i>								
2017 USACE Erosion Survey	0.33	0.04	0.49	2.53%				
DRAFT DWR UCIP Field Study					0.82	0.06		
2017 Storm Damage	0.02		0.02	0.10%				
<i>Unit Totals:</i>	4.72	0.08	5.04	26.04%	3.18	0.45	0.01	0.00

**Flood Control Project Maintenance  
Levee Inspections****LMA District Cover Sheet****Fall 2019 Levee Inspection Results****Sacramento Maintenance Yard Maintenance Area 0009**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
† Overall LMA Rating (Fall Only)			U	

\*\* Non-receipt of Summer or Winter Inspection  
Reports may effect overall annual rating.

† **SPRING INSPECTIONS:** Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

**FALL INSPECTIONS:** The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments


**Flood Control Project Maintenance  
Levee Inspections**

**Unit Cover Sheet**

**Fall 2019 Levee Inspection Results**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway			Bank	Unit Miles
Unit No. 01 Sacramento River			Left	19.35
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)			<b>U</b>	
Date of Inspection	4/23/2019 - 4/26/2019		10/2/2019 - 10/4/2019	
DWR Inspector	Luz Dial		Luz Dial	
Accompanied By	Dave Williams DWR			

**Summer & Winter Inspections**

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

*The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.*

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start		Rating **	A	Issue No.	24
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Operations & Maintenance Manuals			°	°
DWR ID	DWR_MA0009_01_s_2013_24				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has the levee O&M manuals.					

No Photos

LM Start		Rating **	A	Issue No.	32
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Emergency Supplies & Equipment			°	°
DWR ID	DWR_MA0009_01_s_2013_32				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard maintains a stockpile of flood response material.					

No Photos

LM Start		Rating **	A	Issue No.	48
LM End		Issue Type +	Ma	Location *	
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Flood Preparedness & Training			°	°
DWR ID	DWR_MA0009_01_s_2013_48				
Comment Code					
Inspector Comment					
The Sacramento Maintenance Yard has a written flood response plan and flood response training.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>0.08</b>	Rating **	M	Issue No.	<b>223</b>
LM End	<b>0.08</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.540047°	38.540047°	
			-121.512183°	-121.512183°	
DWR ID	DWR_MA0009_01_s _ 2019_223				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>0.14</b>	Rating **	M	Issue No.	<b>224</b>
LM End	<b>0.14</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.539262°	38.539262°	
			-121.512808°	-121.512808°	
DWR ID	DWR_MA0009_01_s _ 2019_224				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>0.21</b>	Rating **	M	Issue No.	<b>226</b>
LM End	<b>0.21</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.538522°	38.538522°	
			-121.513570°	-121.513570°	
DWR ID	DWR_MA0009_01_s _ 2019_226				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
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**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.34	Rating **	M	Issue No.	227
LM End	0.34	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.537135 °	38.537135 °
				-121.515227 °	-121.515227 °
DWR ID	DWR_MA0009_01_s_2019_227				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.37	Rating **	M	Issue No.	229
LM End	0.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536872 °	38.536872 °
				-121.515585 °	-121.515585 °
DWR ID	DWR_MA0009_01_s_2019_229				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.38	Rating **	M	Issue No.	298
LM End	0.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.536712 °	38.536712 °
				-121.515757 °	-121.515757 °
DWR ID	DWR_MA0009_01_f_2017_298				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair footpath that is beginning to erode further from runoff.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_298\_20190904\_00201.jpg



View of erosion on waterside slope. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

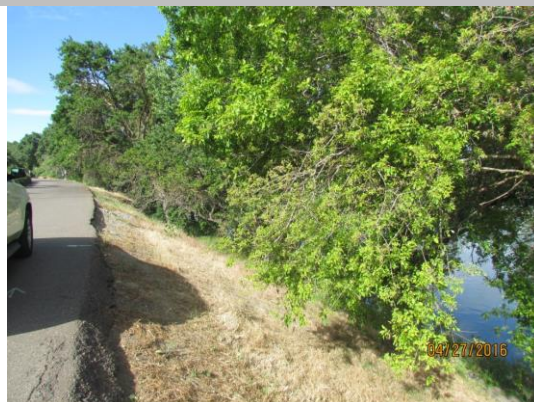
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.39	Rating **	M	Issue No.	222
LM End	0.46	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.536756 °	38.536036 °
				-121.516107 °	-121.517087 °
DWR ID	DWR_MA0009_01_s_2019_222				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 55.5 L Status: Eroding 2017 Field Notes: No observed change. Site History: 1997 - Large cottonwoods on slope. 2003 - Some minor sloughing. 2004 - New sediment deposition on the downstream end. 2007 - New dock was installed without notification to USACE and halted the planned repair due to ROW issues. 2015 - Minor new erosion at the toe.					

No Photos

LM Start	0.40	Rating **	M	Issue No.	281
LM End	0.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536556°	38.536556°
				-121.515990°	-121.515990°
DWR ID	DWR_MA0009_01_f_2015_281				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_281\_20190904\_00195.jpg



View of the trees on the waterward side of the levee looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

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**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>0.42</b>	Rating **	M	Issue No.	<b>270</b>
LM End	<b>0.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.536260°	38.536260°
				-121.516303°	-121.516303°
DWR ID	DWR_MA0009_01_s_2019_270				
Comment Code					
T4 : Trim trees over roadway to at least 12 feet above ground level.					
Inspector Comment					

No Photos

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

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**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.46	Rating **	M	Issue No.	1769
LM End	0.46	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.535910 °	38.535910 °
				-121.516640 °	-121.516640 °
DWR ID	17404				

**Comment Code**

**Inspector Comment**

DS\_ID:17404  
FS\_ID:53466  
EP\_NO: 2536  
Repair Type: Non-Urgent  
Crossing Status: Not Found  
UCIP Comments: 09/04/2018 Original permit indicates that there is a gas line near here. I can't find any evidence or markers to indicate that there is a gas line. Current PG&E records do not indicate that there are any PG&E gas pipelines located in this area. Crossing has been downgraded to "Non-Urgent" pending that there is an electromagnetic survey conducted by DWR DMP Phase 1. (A. McDonald - DWR UCIP)08/24/2018 Unable to locate any gas lines or markers near this location. (A. McDonald - DWR UCIP)08/11/2017 PG&E records do not indicate that there are any PG&E gas pipelines near this location. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection unable to locate line. Need to coordinate with PG&E to determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Gas line should be located if possible. May require use of a metal detector. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 2-inch (1.5-inch listed in permit) gas line of an unknown material through the levee, 3 feet below the crown. Line connects from Riverside Boulevard and West Coast Drive on the landside (LS), continues across the levee, and runs parallel along the waterside (WS) slope for about 411 feet. (1.5-inch gas line service authorized under Permit No. 2536, 1957 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991].  
FS Date: 9/4/2018

LM Start	<b>0.46</b>	Rating **	M	Issue No.	<b>1769 (cont)</b>
LM End	<b>0.46</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53466\_77893.jpg



LS view.

Photo 2 of 3 : UCIP\_FA\_2019\_53466\_77894.jpg



WS view.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.46	Rating **	M	Issue No.	1769 (cont)	
LM End	0.46	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.535910 °	38.535910 °	
				-121.516640 °	-121.516640 °	
DWR ID	17404					
Comment Code						
Inspector Comment						
DS_ID:17404 FS_ID:53466 EP_NO: 2536 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 09/04/2018 Original permit indicates that there is a gas line near here. I can't find any evidence or markers to indicate that there is a gas line. Current PG&E records do not indicate that there are any PG&E gas pipelines located in this area. Crossing has been downgraded to "Non-Urgent" pending that there is an electromagnetic survey conducted by DWR DMP Phase 1. (A. McDonald - DWR UCIP)08/24/2018 Unable to locate any gas lines or markers near this location. (A. McDonald - DWR UCIP)08/11/2017 PG&E records do not indicate that there are any PG&E gas pipelines near this location. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection unable to locate line. Need to coordinate with PG&E to determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Gas line should be located if possible. May require use of a metal detector. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2-inch (1.5-inch listed in permit) gas line of an unknown material through the levee, 3 feet below the crown. Line connects from Riverside Boulevard and West Coast Drive on the landside (LS), continues across the levee, and runs parallel along the waterside (WS) slope for about 411 feet. (1.5-inch gas line service authorized under Permit No. 2536, 1957 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 9/4/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53466\_77895.jpg



Pipes visible underneath the walkway to the dock.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.47	Rating **	M	Issue No.	1770	
LM End	0.47	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.535790 °	38.535790 °	
				-121.516720 °	-121.516720 °	
DWR ID	17405					
Comment Code						
Inspector Comment						
DS_ID:17405 FS_ID:53467 EP_NO: 6332 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 09/04/2018 Original permit indicates that there is a gas line near here. I can't find any evidence or markers to indicate that there is a gas line. Current PG&E records do not indicate that there are any PG&E gas pipelines located in this area. Crossing has been downgraded to "Non-Urgent" pending that there is an electromagnetic survey conducted by DWR DMP Phase 1. (A. McDonald - DWR UCIP)08/24/2018 Unable to locate any gas lines or markers near this location. (A. McDonald - DWR UCIP)08/11/2017 PG&E records do not indicate that there are any PG&E gas pipelines near this location. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection. Need to coordinate with owner to locate and determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Need to locate utility. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 0.75-inch gas line (permit indicates 1-inch inside diameter, gauge 10) of an unknown material through the levee, 1.5 feet below the crown. No indicators found. (0.75-inch gas pipeline used to service "The Captain's Table" area authorized under Permit No. 6332, 1968 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 9/4/2018						

LM Start	<b>0.47</b>	Rating **	M	Issue No.	<b>1770 (cont)</b>
LM End	<b>0.47</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53467\_77890.jpg



LS view.

Photo 2 of 3 : UCIP\_FA\_2019\_53467\_77891.jpg



WS view.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.47	Rating **	M	Issue No.	1770 (cont)	
LM End	0.47	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.535790 °	38.535790 °	
				-121.516720 °	-121.516720 °	
DWR ID	17405					
Comment Code						
Inspector Comment						
DS_ID:17405 FS_ID:53467 EP_NO: 6332 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 09/04/2018 Original permit indicates that there is a gas line near here. I can't find any evidence or markers to indicate that there is a gas line. Current PG&E records do not indicate that there are any PG&E gas pipelines located in this area. Crossing has been downgraded to "Non-Urgent" pending that there is an electromagnetic survey conducted by DWR DMP Phase 1. (A. McDonald - DWR UCIP)08/24/2018 Unable to locate any gas lines or markers near this location. (A. McDonald - DWR UCIP)08/11/2017 PG&E records do not indicate that there are any PG&E gas pipelines near this location. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection. Need to coordinate with owner to locate and determine status of crossing. (O. Magana - DWR UCIP)06/19/2012 Need to locate utility. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 0.75-inch gas line (permit indicates 1-inch inside diameter, gauge 10) of an unknown material through the levee, 1.5 feet below the crown. No indicators found. (0.75-inch gas pipeline used to service "The Captain's Table" area authorized under Permit No. 6332, 1968 - Pacific Gas and Electric Company [PG&E]). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 9/4/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53467\_77892.jpg



Pipes visible underneath the walkway to the dock.

LM Start	0.53	Rating **	M	Issue No.	282
LM End	0.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.534930 °	38.534930 °
				-121.517314 °	-121.517314 °
DWR ID	DWR_MA0009_01_f_2015_282				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfil rodent hole.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_282\_20190904\_00196.jpg



View of rodent holes on waterside of levee. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.55	Rating **	M	Issue No.	1771
LM End	0.55	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.534830 °	38.534830 °
				-121.517530 °	-121.517530 °
DWR ID	18890				
Comment Code					
Inspector Comment					
DS_ID:18890					
FS_ID:47076					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pipe is open on WS and may need to be removed or Abandoned in place. Only WS of pipe could be seen.					
FIELD_STRUCT_DESC: 1-inch steel pipe of an unknown purpose through the levee, 10 feet below the crown.					
FS Date: 6/19/2012 2:51:00 PM					

LM Start	<b>0.55</b>	Rating **	M	Issue No.	<b>1771 (cont)</b>
LM End	<b>0.55</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_47076\_8695.jpg



Pipe exiting bank just below tree at center of photo on WS slope.

Photo 2 of 2 : UCIP\_FA\_2019\_47076\_8694.jpg



View from WS shoulder. Pipe is at bottom right of tree on WS bank.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.66	Rating **	M	Issue No.	7
LM End	0.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.534105°	38.533870°
				-121.519389°	-121.520134°
DWR ID	DWR_MA0009_01_s_2012_7				
Comment Code					
BU : Building					
Inspector Comment					
This building does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_7\_20190904\_00001.jpg



View of the building on the landward side of the levee. Spring 2016.

LM Start	0.66	Rating **	A/W	Issue No.	221
LM End	0.86	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.534423°	38.533143°
				-121.519626°	-121.523010°
DWR ID	DWR_MA0009_01_s_2019_221				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 55.2 L					
Status: Eroding					
2017 Field Notes: No observed change.					
Site History: Site previously named 55.1. 2003 - Pockets of toe erosion at low flow waterline. 2005 - Site renamed 55.2. Still have pockets of erosion but rock bench at waterline is still present. 2010 - Site extended upstream due to new erosion. 2011 - Some of the toe rock has failed. The upper levee slope seems to be slumping. 2012 - Minor new slumping. 2016 - New erosion observed under a tree at the upstream end.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.72	Rating **	M	Issue No.	157
LM End	0.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533807 °	38.533807 °
				-121.520475 °	-121.520475 °
DWR ID	DWR_MA0009_01_f_2019_157				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris and bbq grill left by homeless.					

No Photos

LM Start	0.76	Rating **	M	Issue No.	164
LM End	0.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.533538 °	38.533538 °
				-121.521168 °	-121.521168 °
DWR ID	DWR_MA0009_01_f _ 2019_164				
Comment Code					
PO : Pole					
Inspector Comment					
Remove metal pole at landside toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_164\_20191008\_00510.jpg



View of metal pole at the landside toe. Fall 2019

LM Start	0.76	Rating **	C	Issue No.	280
LM End	0.76	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.533482 °	38.533482 °
				-121.521187 °	-121.521187 °
DWR ID	DWR_MA0009_01_s_2019_280				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.79	Rating **	M	Issue No.	10
LM End	0.81	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.533348°	38.533207°
				-121.521576°	-121.521916°
DWR ID	DWR_MA0009_01_f_2016_10				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Groundcover obstructs visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_10\_20190904\_00002.jpg



View of the vegetation on the landward side of the levee looking downstream. Spring 2016.

LM Start	0.80	Rating **	M	Issue No.	326
LM End	0.80	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.533175 °	38.533175 °
				-121.521728 °	-121.521728 °
DWR ID	DWR_MA0009_01_s_2019_326				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.82	Rating **	C	Issue No.	348
LM End	0.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.533070 °	38.533070 °
				-121.522105 °	-121.522105 °
DWR ID	DWR_MA0009_01_s_2019_348				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos


* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_242\_20191008\_00511.jpg



View of concrete blocks added to a footpath. Fall 2019


Photo 2 of 2 : FA\_2019\_MA0009\_201\_242\_20190904\_00166.jpg



09/14/2016

Old footpath on landside slope of the levee. Fall 2016 inspection.

Photo 1 of 1 : FA\_2019\_MA0009\_2013\_20190904\_00003.jpg



04/27/2016

View of the Footpath that cuts into the levee slope on the landward side looking downstream. Spring 2016.

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	Ob : Design & System Obsolescence
WS : Water Side	M : Minimally Acceptable	En : Enforcement
CR : Crown	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.85	Rating **	M	Issue No.	380
LM End	0.85	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.532915 °	38.532915 °
				-121.522555 °	-121.522555 °
DWR ID	DWR_MA0009_01_s_2019_380				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	0.85	Rating **	M	Issue No.	1772
LM End	0.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532930 °	38.532930 °
				-121.522610 °	-121.522610 °
DWR ID	17407				
Comment Code					
Inspector Comment					
DS_ID:17407 FS_ID:41534 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. FIELD_STRUCT_DESC: 1.5-inch electrical conduit of an unknown material through the levee, at an unknown depth. Pole on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/19/2012 7:58:00 AM					

Photo 1 of 2 : UCIP\_FA\_2019\_41534\_6104.jpg



Electrical conduit at bottom of pole on water side.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.85	Rating **	M	Issue No.	1772 (cont)
LM End	0.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532930 °	38.532930 °
				-121.522610 °	-121.522610 °
DWR ID	17407				
Comment Code					
Inspector Comment					
DS_ID:17407 FS_ID:41534 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Appears abandoned. FIELD_STRUCT_DESC: 1.5-inch electrical conduit of an unknown material through the levee, at an unknown depth. Pole on the waterside (WS) slope. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/19/2012 7:58:00 AM					

Photo 2 of 2 : UCIP\_FA\_2019\_41534\_6103.jpg



Electrical conduit at bottom of pole on water side.

LM Start	0.86	Rating **	C	Issue No.	236
LM End	0.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.532902 °	38.532902 °
				-121.522707 °	-121.522707 °
DWR ID	DWR_MA0009_01_s_2017_236				
Comment Code					
S1 : Repair slope instability.					
Inspector Comment					
Fallen tree with exposed root system.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.87	Rating **	U	Issue No.	292
LM End	0.92	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532847 °	38.532504 °
				-121.522872 °	-121.523770 °
DWR ID	DWR_MA0009_01_f_2016_292				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Groundcover is obstructing visibility.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_292\_20190904\_00198.jpg



Landscaping on waterward slope. Fall 2016 inspection.

LM Start	<b>0.87</b>	Rating **	U	Issue No.	<b>292 (cont)</b>
LM End	<b>0.92</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_292\_20190904\_00199.jpg



View of the landscaping on the waterward side of the levee looking upstream. Fall 2015.

LM Start	0.88	Rating **	U	Issue No.	15
LM End	0.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532730°	38.532628°
				-121.523129°	-121.523406°
DWR ID	DWR_MA0009_01_s_2012_15				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees are obstructing view and need to be trimmed.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_15\_20190904\_00004.jpg



Groundcover on landside slope. Fall 2016 inspection.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.88	Rating **	U	Issue No.	15 (cont)	
LM End	0.90	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.532730 °		38.532628 °
				-121.523129 °		-121.523406 °
DWR ID	DWR_MA0009_01_s_2012_15					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Trees are obstructing view and need to be trimmed.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_15\_20190904\_00005.jpg



View of the groundcover and trees on the landward side of the levee looking downstream. Fall 2015.

LM Start	0.89	Rating **	M	Issue No.	382
LM End	0.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.532638 °	38.532638 °
				-121.523163 °	-121.523163 °
DWR ID	DWR_MA0009_01_s_2019_382				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.90	Rating **	M	Issue No.	1773	
LM End	0.90	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.532640 °	38.532640 °	
				-121.523370 °	-121.523370 °	
DWR ID	17727					
Comment Code						
Inspector Comment						
DS_ID:17727						
FS_ID:40523						
EP_NO: 4809						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Could not locate service box due to excessive vegetation (see Pics) Possible electrical conduit crossing at this same location.						
FIELD_STRUCT_DESC: 3/4-inch domestic water supply with valve on land side.						
FS Date: 6/19/2012 2:00:00 PM						

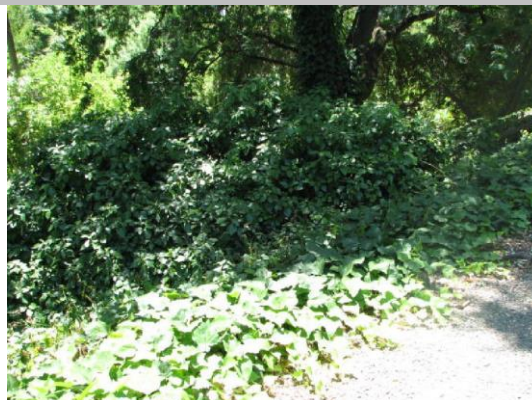
Photo 1 of 2 : UCIP\_FA\_2019\_40523\_6122.jpg



Excessive vegetation on waterside.

LM Start	<b>0.90</b>	Rating **	M	Issue No.	<b>1773 (cont)</b>
LM End	<b>0.90</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_40523\_6121.jpg



Excessive vegetation on landside.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>0.91</b>	Rating **	M	Issue No.	<b>395</b>
LM End	<b>0.91</b>	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532550 °	38.532550 °
				-121.523632 °	-121.523632 °
DWR ID	DWR_MA0009_01_s _ 2019_395				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	<b>0.93</b>	Rating **	M	Issue No.	<b>403</b>
LM End	<b>0.95</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.532307 °	38.532253 °
				-121.523830 °	-121.524152 °
DWR ID	DWR_MA0009_01_s _ 2019_403				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim and thin trees in landscaping.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.94	Rating **	M	Issue No.	1774
LM End	0.94	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532380 °	38.532380 °
				-121.524080 °	-121.524080 °
DWR ID	18896				
Comment Code					
Inspector Comment					
DS_ID:18896					
FS_ID:5842					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing. Pipe located 1-foot upstream of stairs on LS slope.					
FIELD_STRUCT_DESC: 0.75-inch electrical conduit of an unknown material through the levee, 1 foot below the crown.					
FS Date: 6/19/2012 9:19:25 AM					

Photo 1 of 2 : UCIP\_FA\_2019\_5842\_8908.jpg



Electrical conduit on LS slope just upstream of stairs.

LM Start	<b>0.94</b>	Rating **	M	Issue No.	<b>1774 (cont)</b>
LM End	<b>0.94</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5842\_8907.jpg



Light on Post WS slope at crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.94	Rating **	N	Issue No.	237
LM End	0.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.532357°	38.532357°
				-121.524112°	-121.524112°
DWR ID	DWR_MA0009_01_s_2017_237				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_237\_20190904\_00157.jpg



View of stump on waterside slope. Spring 2017.

LM Start	0.97	Rating **	M	Issue No.	1775
LM End	0.97	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532160°	38.532160°
				-121.524660°	-121.524660°
DWR ID	18898				
Comment Code					
Inspector Comment					
DS_ID:18898					
FS_ID:5843					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1.5-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder.					
FS Date: 6/19/2012 9:24:40 AM					

Photo 1 of 3 : UCIP\_FA\_2019\_5843\_8911.jpg



Pipes on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.97	Rating **	M	Issue No.	1775 (cont)
LM End	0.97	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532160 °	38.532160 °
				-121.524660 °	-121.524660 °
DWR ID	18898				
Comment Code					
Inspector Comment					
DS_ID:18898					
FS_ID:5843					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1.5-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder.					
FS Date: 6/19/2012 9:24:40 AM					

Photo 2 of 3 : UCIP\_FA\_2019\_5843\_8910.jpg



View accross slope towards WS.

LM Start	<b>0.97</b>	Rating **	M	Issue No.	<b>1775 (cont)</b>
LM End	<b>0.97</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5843\_8909.jpg



Light on Pole WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.98	Rating **	M	Issue No.	1776
LM End	0.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532150°	38.532150°
				-121.524660°	-121.524660°
DWR ID	18897				

**Comment Code**

**Inspector Comment**

DS\_ID:18897  
 FS\_ID:5844  
 EP\_NO: N/A  
 Repair Type: Non-Urgent  
 Crossing Status: Found  
 UCIP Comments: No permit identified for this crossing.  
 FIELD\_STRUCT\_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder.  
 FS Date: 6/19/2012 9:30:37 AM

LM Start	<b>0.98</b>	Rating **	M	Issue No.	<b>1776 (cont)</b>
LM End	<b>0.98</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5844\_8914.jpg



Pipes visible on LS slope.

Photo 2 of 3 : UCIP\_FA\_2019\_5844\_8913.jpg



View accross levee towards WS from LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.98	Rating **	M	Issue No.	1776 (cont)
LM End	0.98	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532150 °	38.532150 °
				-121.524660 °	-121.524660 °
DWR ID	18897				
Comment Code					
Inspector Comment					
DS_ID:18897					
FS_ID:5844					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Light on pole next to irrigation box on the waterside (WS) shoulder.					
FS Date: 6/19/2012 9:30:37 AM					

Photo 3 of 3 : UCIP\_FA\_2019\_5844\_8912.jpg



Light on Pole WS slope.

LM Start	0.98	Rating **	M	Issue No.	1777	
LM End	0.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.532150 °	38.532150 °	
				-121.524660 °	-121.524660 °	
DWR ID	18899					
Comment Code						
Inspector Comment						
DS_ID:18899 FS_ID:5845 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. Light on pole next to irrigation box on the waterside (WS) shoulder. FS Date: 6/19/2012 9:32:28 AM						

Photo 1 of 2 : UCIP\_FA\_2019\_5845\_8916.jpg



Pipes with shutoff valve on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.98	Rating **	M	Issue No.	1777 (cont)	
LM End	0.98	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.532150 °	38.532150 °	
				-121.524660 °	-121.524660 °	
DWR ID	18899					
Comment Code						
Inspector Comment						
DS_ID:18899						
FS_ID:5845						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder. Light on pole next to irrigation box on the waterside (WS) shoulder.						
FS Date: 6/19/2012 9:32:28 AM						

Photo 2 of 2 : UCIP\_FA\_2019\_5845\_8915.jpg



WS slope showing christie box on surface with waterline under box at downstream side of light post.

LM Start	0.99	Rating **	M	Issue No.	1778
LM End	0.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532070 °	38.532070 °
				-121.524950 °	-121.524950 °
DWR ID	18900				
Comment Code					
Inspector Comment					
DS_ID:18900					
FS_ID:5846					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder.					
FS Date: 6/19/2012 9:36:43 AM					

Photo 1 of 1 : UCIP\_FA\_2019\_5846\_8917.jpg



View of pipe and valve on LS shoulder looking towards WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	0.99	Rating **	M	Issue No.	1779
LM End	0.99	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.532050 °	38.532050 °
				-121.524940 °	-121.524940 °
DWR ID	18901				
Comment Code					
Inspector Comment					
DS_ID:18901					
FS_ID:5847					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Shutoff valve on the landside (LS) shoulder.					
FS Date: 6/19/2012 9:39:42 AM					

Photo 1 of 1 : UCIP\_FA\_2019\_5847\_8918.jpg



Pipes visible on LS shoulder/slope looking towards WS.

LM Start	1.01	Rating **	M	Issue No.	1780	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531970 °	38.531970 °	
				-121.525210 °	-121.525210 °	
DWR ID	18903					
Comment Code						
Inspector Comment						
DS_ID:18903						
FS_ID:5848						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer).						
FS Date: 6/19/2012 9:42:01 AM						

Photo 1 of 3 : UCIP\_FA\_2019\_5848\_8921.jpg



Hose bib on WS slope downstream 2-feet from stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.01	Rating **	M	Issue No.	1780 (cont)	
LM End	1.01	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531970°	38.531970°	
				-121.525210°	-121.525210°	
DWR ID	18903					
Comment Code						
Inspector Comment						
DS_ID:18903 FS_ID:5848 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer). FS Date: 6/19/2012 9:42:01 AM						

Photo 2 of 3 : UCIP\_FA\_2019\_5848\_8920.jpg



Closeup of hose bib.

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>1780 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5848\_8919.jpg



Pipes on LS slope 1-foot downstream from concrete stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>1781</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.531960 °	38.531960 °	
			-121.525210 °	-121.525210 °	
DWR ID	18902				

**Comment Code**

**Inspector Comment**

DS\_ID:18902  
FS\_ID:5849  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: No permit identified for this crossing.  
FIELD\_STRUCT\_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Hose bib and electrical box visible on the waterside (WS) shoulder. Pipe visible on the downstream side of the landside (LS) shoulder stairs. (Permit No. 6293, 1968 - William H. Geyer).  
FS Date: 6/19/2012 9:45:10 AM

LM Start	<b>1.01</b>	Rating **	M	Issue No.	<b>1781 (cont)</b>
LM End	<b>1.01</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_5849\_8923.jpg



Electrical conduit on WS slope.

Photo 2 of 2 : UCIP\_FA\_2019\_5849\_8922.jpg



Electrical conduit on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

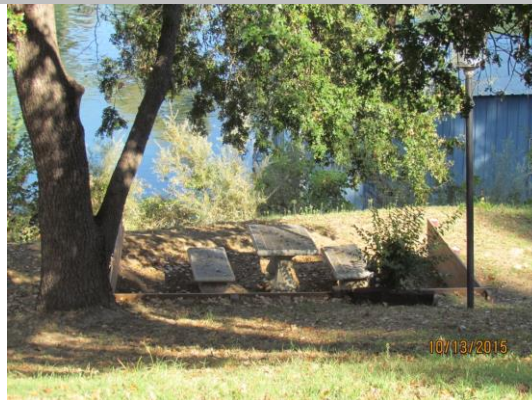
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.01	Rating **	M	Issue No.	303
LM End	1.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.531959 °	38.531959 °
				-121.525236 °	-121.525236 °
DWR ID	DWR_MA0009_01_f_2015_303				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
Permit 16358 authorizes a wood deck on the waterside berm but not a retaining wall, light post, and picnic area.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_303\_20190904\_00211.jpg



View of the table and retaining wall on the waterward side of the levee.  
Fall 2015.

LM Start	1.02	Rating **	M	Issue No.	1782	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531880 °	38.531880 °	
				-121.525470 °	-121.525470 °	
DWR ID	18904					
Comment Code						
Inspector Comment						
DS_ID:18904						
FS_ID:5850						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bibs on both the waterside (WS) and the landside (LS) shoulders. T posts mark end of line on both sides of the levee.						
FS Date: 6/19/2012 9:47:29 AM						

Photo 1 of 3 : UCIP\_FA\_2019\_5850\_8926.jpg



Hose bib and T-post on LS slope 3-feet upstream of concrete stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.02	Rating **	M	Issue No.	1782 (cont)	
LM End	1.02	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531880°	38.531880°	
				-121.525470°	-121.525470°	
DWR ID	18904					
Comment Code						
Inspector Comment						
DS_ID:18904 FS_ID:5850 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bibs on both the waterside (WS) and the landside (LS) shoulders. T posts mark end of line on both sides of the levee. FS Date: 6/19/2012 9:47:29 AM						

Photo 2 of 3 : UCIP\_FA\_2019\_5850\_8925.jpg



Hosebib on LS slope.

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>1782 (cont)</b>
LM End	<b>1.02</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5850\_8924.jpg



Hosebib on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>1.02</b>	Rating **	M	Issue No.	<b>438</b>
LM End	<b>1.02</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.531782 °	38.531782 °
				-121.525432 °	-121.525432 °
DWR ID	DWR_MA0009_01_s _ 2019_438				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>1.04</b>	Rating **	C	Issue No.	<b>28</b>
LM End	<b>1.04</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.531795 °	38.531795 °
				-121.525695 °	-121.525695 °
DWR ID	DWR_MA0009_01_s _ 2019_28				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	1783	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531750°	38.531750°	
				-121.525810°	-121.525810°	
DWR ID	18905					
Comment Code						
Inspector Comment						
DS_ID:18905						
FS_ID:5851						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipe open on WS slope.						
FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the landside (LS) shoulder.						
FS Date: 6/19/2012 9:50:50 AM						

Photo 1 of 3 : UCIP\_FA\_2019\_5851\_8929.jpg



Hosebib on LS slope.

LM Start	<b>1.04</b>	Rating **	M	Issue No.	<b>1783 (cont)</b>
LM End	<b>1.04</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5851\_8928.jpg



Hosebib on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.04	Rating **	M	Issue No.	1783 (cont)	
LM End	1.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531750 °	38.531750 °	
				-121.525810 °	-121.525810 °	
DWR ID	18905					
Comment Code						
Inspector Comment						
DS_ID:18905 FS_ID:5851 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. Pipe open on WS slope. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the landside (LS) shoulder. FS Date: 6/19/2012 9:50:50 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_5851\_8927.jpg



Hosebib on LS slope.

LM Start	1.06	Rating **	M	Issue No.	1784	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531650 °	38.531650 °	
				-121.526100 °	-121.526100 °	
DWR ID	18906					
Comment Code						
Inspector Comment						
DS_ID:18906 FS_ID:5852 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the waterside (WS) shoulder. Water line located 4 feet upstream of concrete stairs on the landside (LS) slope. (Permit No. 3580, 1961 - Owen L. Perdue). FS Date: 6/19/2012 9:57:16 AM						

Photo 1 of 2 : UCIP\_FA\_2019\_5852\_8932.jpg



Pipe on LS slope 4-feet upstream from concrete stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

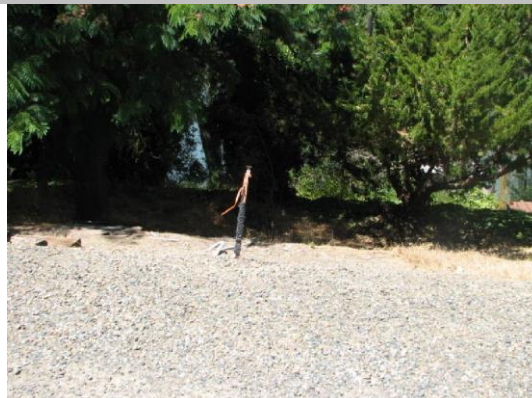
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.06	Rating **	M	Issue No.	1784 (cont)	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531650 °	38.531650 °	
				-121.526100 °	-121.526100 °	
DWR ID	18906					
Comment Code						
Inspector Comment						
DS_ID:18906 FS_ID:5852 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib on the waterside (WS) shoulder. Water line located 4 feet upstream of concrete stairs on the landside (LS) slope. (Permit No. 3580, 1961 - Owen L. Perdue). FS Date: 6/19/2012 9:57:16 AM						

Photo 2 of 2 : UCIP\_FA\_2019\_5852\_8931.jpg



Hose bib on WS shoulder.

LM Start	1.06	Rating **	M	Issue No.	1785	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.531630 °	38.531630 °	
				-121.526100 °	-121.526100 °	
DWR ID	18907					
Comment Code						
Inspector Comment						
DS_ID:18907						
FS_ID:5857						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown.						
FS Date: 6/19/2012 10:00:00 AM						

Photo 1 of 2 : UCIP\_FA\_2019\_5857\_8942.jpg



Electrical conduit on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

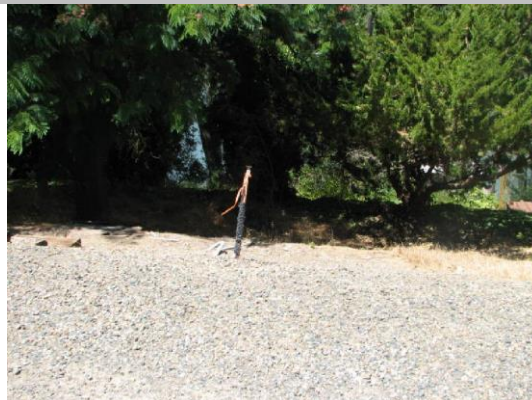
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.06	Rating **	M	Issue No.	1785 (cont)	
LM End	1.06	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.531630 °		38.531630 °
				-121.526100 °		-121.526100 °
DWR ID	18907					
Comment Code						
Inspector Comment						
DS_ID:18907						
FS_ID:5857						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown.						
FS Date: 6/19/2012 10:00:00 AM						

Photo 2 of 2 : UCIP\_FA\_2019\_5857\_8941.jpg



Electrical conduit on WS slope.

LM Start	1.07	Rating **	C	Issue No.	442
LM End	1.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.531632 °	38.531632 °
				-121.526252 °	-121.526252 °
DWR ID	DWR_MA0009_01_s _ 2019_442				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.08	Rating **	M	Issue No.	218
LM End	1.14	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.531806 °	38.531417 °
				-121.526566 °	-121.527589 °
DWR ID	DWR_MA0009_01_s_2019_218				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 54.8 L					
Status: Eroding					
2017 Field Notes: No observed change..					
Site History: 2011 - A large tree has fallen behind a larger tree, putting stress on an already compromised tree. Toe erosion due to wave wash. 2013 - Site extended upstream due to steep bank. 2015 - Site extended upstream due to steep bank.					

No Photos

LM Start	1.18	Rating **	C	Issue No.	493
LM End	1.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.530938 °	38.530938 °
				-121.528020 °	-121.528020 °
DWR ID	DWR_MA0009_01_s_2019_493				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.26	Rating **	C	Issue No.	33
LM End	1.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529952 °	38.529420 °
				-121.528770 °	-121.528905 °
DWR ID	DWR_MA0009_01_s_2012_33				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be trimmed for visibility.					

No Photos

LM Start	1.27	Rating **	M	Issue No.	312
LM End	1.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.529798 °	38.529679 °
				-121.528808 °	-121.528858 °
DWR ID	DWR_MA0009_01_f_2015_312				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion on WS of the levee.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_312\_20190904\_00216.jpg



Erosion site on the waterward side of the levee. Fall 2016 inspection.

LM Start	<b>1.27</b>	Rating **	M	Issue No.	<b>312 (cont)</b>
LM End	<b>1.28</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_312\_20190904\_00217.jpg



View of the erosion on the waterward side of the levee looking downstream. Erosion is below the shoulder of the levee. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

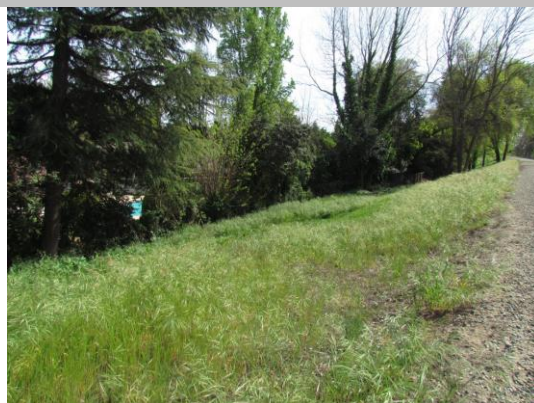
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.29	Rating **	M	Issue No.	34
LM End	1.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.529468 °	38.528930 °
				-121.528823 °	-121.528820 °
DWR ID	DWR_MA0009_01_s_2012_34				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_34\_20190904\_00010.jpg



View of vegetation on the landward side of the levee looking downstream. Spring 2015.

LM Start	1.33	Rating **	M	Issue No.	36
LM End	1.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.528913 °	38.528727 °
				-121.528818 °	-121.528809 °
DWR ID	DWR_MA0009_01_s_2012_36				
Comment Code					
FE : Fence					
Inspector Comment					
The wooden fence does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_36\_20190904\_00012.jpg



A wooden fence is within the easement of the levee. Fall 2013

LM Start	1.33	Rating **	A/W	Issue No.	166
LM End	1.33	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.528883 °	38.528883 °
				-121.528880 °	-121.528880 °
DWR ID	DWR_MA0009_01_f_2019_166				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill rodent hole at landside shoulder.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.37	Rating **	M	Issue No.	241
LM End	1.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.528255 °	38.528255 °
				-121.528800 °	-121.528800 °
DWR ID	DWR_MA0009_01_f _ 2016_241				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Clear ivy groundcover.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_241\_20190904\_00164.jpg



Irrigation system provides water to vegetation on landside slope. Fall 2016 inspection.

LM Start	<b>1.37</b>	Rating **	M	Issue No.	<b>241 (cont)</b>
LM End	<b>1.37</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_241\_20190904\_00165.jpg



Irrigation system provides water to vegetaion on landside slope. Fall 2016 inspection. Another view.

LM Start	1.45	Rating **	C	Issue No.	498
LM End	1.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.527150 °	38.527150 °
				-121.528350 °	-121.528350 °
DWR ID	DWR_MA0009_01_s_2019_498				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.55	Rating **	C	Issue No.	240
LM End	1.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.525943 °	38.525943 °
				-121.527345 °	-121.527345 °
DWR ID	DWR_MA0009_01_f _ 2016_240				
Comment Code					
ST : Stairway					
Inspector Comment					

No Photos

LM Start	1.59	Rating **	C	Issue No.	499
LM End	1.59	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.525647 °	38.525647 °
				-121.526878 °	-121.526878 °
DWR ID	DWR_MA0009_01_s_2019_499				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.60	Rating **	M	Issue No.	39
LM End	1.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.525471 °	38.525368 °
				-121.526625 °	-121.526440 °
DWR ID	DWR_MA0009_01_s_2012_39				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Cypress trees are blocking visibility on the landward side.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_39\_20190904\_00013.jpg



The cypress have been trimmed but still partially block visibility. Spring 2014

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.60	Rating **	M	Issue No.	39 (cont)	
LM End	1.62	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Vegetation			38.525471 °	38.525368 °	
				-121.526625 °	-121.526440 °	
DWR ID	DWR_MA0009_01_s_2012_39					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Cypress trees are blocking visibility on the landward side.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_39\_20190904\_00014.jpg



The tall hedge blocks visibility. Fall 2013

LM Start	1.67	Rating **	M	Issue No.	500
LM End	1.67	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.524875 °	38.524875 °
				-121.525650 °	-121.525650 °
DWR ID	DWR_MA0009_01_s_2019_500				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.81	Rating **	C	Issue No.	501
LM End	1.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.523512 °	38.523512 °
				-121.523817 °	-121.523817 °
DWR ID	DWR_MA0009_01_s_2019_501				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.82	Rating **	M	Issue No.	1786
LM End	1.82	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.523360 °	38.523360 °
				-121.523660 °	-121.523660 °
DWR ID	17408				

**Comment Code**

**Inspector Comment**

DS\_ID:17408  
FS\_ID:4703  
EP\_NO: 5304A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 02/02/2012, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP - O. Magana)

06/19/2012 Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. (DWR UCIP - W. Wylie)

FIELD\_STRUCT\_DESC: [Sump No. 140] 8-foot by 8-foot reinforced concrete box drainage culvert through the levee, 28.9 feet below the crown. Pumps are located at the 35th Avenue sewage treatment plant. Concrete gate riser box is located on the waterside (WS) shoulder. Concrete headwall and flap gate on the WS end. (108-inch pipe authorized under Permit No. 5304, 1966 - City of Sacramento).  
[Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 115, East Levee of Sacramento River From Sutterville Road to North Boundary of Reclamation District No. 744, February 1955, (Station 290+90, 78-inch diam steel pipe)]  
FS Date: 6/19/2012 2:20:32 PM

LM Start	<b>1.82</b>	Rating **	M	Issue No.	<b>1786 (cont)</b>
LM End	<b>1.82</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_4703\_6128.jpg



Broken up concrete apron on downstream side of outlet

Photo 2 of 3 : UCIP\_FA\_2019\_4703\_6127.jpg



Broken up concrete apron on upstream side of outlet

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.82	Rating **	M	Issue No.	1786 (cont)	
LM End	1.82	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.523360 °	38.523360 °	
				-121.523660 °	-121.523660 °	
DWR ID	17408					
Comment Code						
Inspector Comment						
DS_ID:17408 FS_ID:4703 EP_NO: 5304A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 06/06/2017 Received documentation from the City of Sacramento indicating that this crossing was internally inspected on 02/02/2012, PACP Sewer Report was provided. No additional information was received from the City of Sacramento. Need to request evaluation of pipe (integrity of pipe section through the levee) and find out when the City is planning the next internal inspection for this pipe. (DWR UCIP - O. Magana)						
06/19/2012 Concrete around outlet broken up on both downstream and upstream side of outlet. Needs some repairs to prevent further damage. (DWR UCIP - W. Wylie) FIELD_STRUCT_DESC: [Sump No. 140] 8-foot by 8-foot reinforced concrete box drainage culvert through the levee, 28.9 feet below the crown. Pumps are located at the 35th Avenue sewage treatment plant. Concrete gate riser box is located on the waterside (WS) shoulder. Concrete headwall and flap gate on the WS end. (108-inch pipe authorized under Permit No. 5304, 1966 - City of Sacramento). [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 115, East Levee of Sacramento River From Sutterville Road to North Boundary of Reclamation District No. 744, February 1955, (Station 290+90, 78-inch diam steel pipe)] FS Date: 6/19/2012 2:20:32 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_4703\_6126.jpg



Flap Gate

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.82	Rating **	M	Issue No.	503
LM End	1.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.523335 °	38.523335 °
				-121.523640 °	-121.523640 °
DWR ID	DWR_MA0009_01_s _ 2019_503				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.86	Rating **	C	Issue No.	505
LM End	1.86	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.522968 °	38.522968 °
				-121.523148 °	-121.523148 °
DWR ID	DWR_MA0009_01_s _ 2019_505				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.87	Rating **	M	Issue No.	41
LM End	1.90	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.522864 °	38.522507 °
				-121.523062 °	-121.522667 °
DWR ID	DWR_MA0009_01_s _ 2012_41				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees need to be thinned and trimmed for visibility.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_41\_20190904\_00016.jpg



Trees on landward side of the levee. Lack of visibility. Fall 2016 inspection.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.87	Rating **	M	Issue No.	41 (cont)	
LM End	1.90	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.522864 °		38.522507 °
				-121.523062 °		-121.522667 °
DWR ID	DWR_MA0009_01_s_2012_41					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Trees need to be thinned and trimmed for visibility.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_41\_20190904\_00017.jpg



View of the trees blocking visibility on the landward side looking downstream. Spring 2016.

LM Start	1.89	Rating **	M	Issue No.	506
LM End	1.89	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.522678 °	38.522678 °
				-121.522838 °	-121.522838 °
DWR ID	DWR_MA0009_01_s_2019_506				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	1.92	Rating **	M	Issue No.	507
LM End	1.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.522233 °	38.522233 °
				-121.522373 °	-121.522373 °
DWR ID	DWR_MA0009_01_s_2019_507				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from slope.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	1.98	Rating **	C	Issue No.	508
LM End	1.98	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.521492 °	38.521492 °
				-121.522563 °	-121.522563 °
DWR ID	DWR_MA0009_01_s _ 2019_508				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.02	Rating **	M	Issue No.	217
LM End	2.05	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.520996 °	38.520606 °
				-121.523072 °	-121.523261 °
DWR ID	DWR_MA0009_01_s _ 2019_217				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 53.8 L					
Status: Eroding					
2017 Field Notes: Minor new erosion at toe.					
Site History: 2010 - Small section of slumping, can be fixed with maintenance. 2011 - Freshly fallen tree and minor new toe erosion.					
2016 - Erosion continues due to anthropogenic usage.					

No Photos

LM Start	2.02	Rating **	C	Issue No.	509
LM End	2.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.520858 °	38.520758 °
				-121.522733 °	-121.522855 °
DWR ID	DWR_MA0009_01_s _ 2019_509				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.05	Rating **	A/W	Issue No.	260
LM End	2.05	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.520561 °	38.520561 °
				-121.522980 °	-121.522980 °
DWR ID	DWR_MA0009_01_f_2018_260				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor the foot path created on the landside slope.					

No Photos

LM Start	2.10	Rating **	M	Issue No.	228
LM End	2.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519921 °	38.519921 °
				-121.523467 °	-121.523467 °
DWR ID	DWR_MA0009_01_s_2018_228				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair the cut in slope due to foot traffic.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_228\_20191008\_00512.jpg



View of footpath on the landside slope. Fall 2019

LM Start	2.15	Rating **	A/W	Issue No.	261
LM End	2.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.519197 °	38.519197 °
				-121.523992 °	-121.523992 °
DWR ID	DWR_MA0009_01_f_2018_261				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor walkpath on landside toe and erosion from runoff.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.18	Rating **	M	Issue No.	313
LM End	2.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518878°	38.518878°
				-121.524288°	-121.524288°
DWR ID	DWR_MA0009_01_s_2016_313				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_313\_20190904\_00218.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	2.22	Rating **	A/W	Issue No.	321
LM End	2.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518390 °	38.518390 °
				-121.524793 °	-121.524793 °
DWR ID	DWR_MA0009_01_f_2017_321				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.25	Rating **	C	Issue No.	512
LM End	2.25	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.518152 °	38.518152 °
				-121.525243 °	-121.525243 °
DWR ID	DWR_MA0009_01_s_2019_512				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.27	Rating **	A/W	Issue No.	175
LM End	2.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.518022 °	38.518022 °
				-121.525385 °	-121.525385 °
DWR ID	DWR_MA0009_01_f_2019_175				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath.					

No Photos

LM Start	2.28	Rating **	A/W	Issue No.	327
LM End	2.28	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517959 °	38.517959 °
				-121.525583 °	-121.525583 °
DWR ID	DWR_MA0009_01_f_2017_327				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	2.28	Rating **	M	Issue No.	243
LM End	2.28	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.517942 °	38.517942 °
				-121.525612 °	-121.525612 °
DWR ID	DWR_MA0009_01_f_2016_243				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion from runoff.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_243\_20190904\_00167.jpg



View of erosion site on waterward slope of the levee. Fall 2016 inspection.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_244\_20191008\_00514.jpg



LM Start	<b>2.30</b>	Rating **	M	Issue No.	<b>244 (cont)</b>
LM End	<b>2.30</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_244\_20190904\_00168.jpg



Photo 1 of 1 : FA\_2019\_MA0009\_201\_322\_20190904\_00221.jpg



* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.39	Rating **	C	Issue No.	513
LM End	2.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.517217 °	38.517217 °
				-121.527397 °	-121.527397 °
DWR ID	DWR_MA0009_01_s_2019_513				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.40	Rating **	M	Issue No.	323
LM End	2.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.517131°	38.517131°
				-121.527568°	-121.527568°
DWR ID	DWR_MA0009_01_f_2015_323				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_323\_20190904\_00222.jpg



View of the the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	<b>2.40</b>	Rating **	M	Issue No.	<b>323 (cont)</b>
LM End	<b>2.40</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_323\_20190904\_00223.jpg



Additional view of slope stability. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.51	Rating **	A/W	Issue No.	230
LM End	2.52	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516660 °	38.516653 °
				-121.529538 °	-121.529645 °
DWR ID	LMA-63				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:230					
Site Designation:LMA-63					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:2/10/2017					
Notes: Oversized section of levee with rip rap on the waterside slope.					
Little damage visible.					

LM Start	<b>2.51</b>	Rating **	A/W	Issue No.	<b>230 (cont)</b>
LM End	<b>2.52</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL\_FA\_2019\_230\_66.jpg

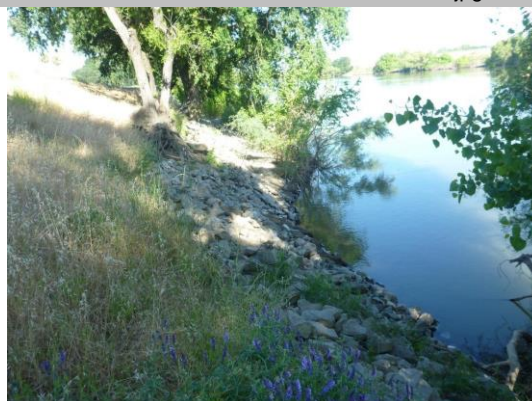


Photo 2 of 3 : LEVAL\_FA\_2019\_230\_67.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.51	Rating **	A/W	Issue No.	230 (cont)	
LM End	2.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.516660 °		38.516653 °
				-121.529538 °		-121.529645 °
DWR ID	LMA-63					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:230						
Site Designation:LMA-63						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:2/10/2017						
Notes: Oversized section of levee with rip rap on the waterside slope.						
Little damage visible.						

Photo 3 of 3 : LEVAL\_FA\_2019\_230\_68.jpg



LM Start	2.57	Rating **	A/W	Issue No.	231
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516444 °	38.516442 °
				-121.530639 °	-121.530677 °
DWR ID	LMA-64				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:231					
Site Designation:LMA-64					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/2/2017					
Notes: The crown of this levee is well over 60 feet, and newly placed riprap is on the waterside slope. Minor damage visible. Fall 2019 DWR Inspection: Riprap at the waterside toe remains intact.					

Photo 1 of 3 : LEVAL\_FA\_2019\_231\_84.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.57	Rating **	A/W	Issue No.	231 (cont)
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516444 °	38.516442 °
				-121.530639 °	-121.530677 °
DWR ID	LMA-64				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:231					
Site Designation:LMA-64					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/2/2017					
Notes: The crown of this levee is well over 60 feet, and newly placed riprap is on the waterside slope. Minor damage visible. Fall 2019 DWR Inspection: Riprap at the waterside toe remains intact.					

Photo 2 of 3 : LEVAL\_FA\_2019\_231\_92.jpg



Photo 3 of 3 : LEVAL\_FA\_2019\_231\_424.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.57	Rating **	A/W	Issue No.	232
LM End	2.58	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.516444 °	38.516442 °
				-121.530639 °	-121.530677 °
DWR ID	LMA-65				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:232					
Site Designation:LMA-65					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/2/2017					
Notes: riparian scrub vegetation along WS bank/bench.					

LM Start	<b>2.57</b>	Rating **	A/W	Issue No.	<b>232 (cont)</b>
LM End	<b>2.58</b>	Issue Type +	Ma	Location *	

Photo 1 of 3 : LEVAL\_FA\_2019\_232\_431.jpg



Photo 2 of 3 : LEVAL\_FA\_2019\_232\_436.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.57	Rating **	A/W	Issue No.	232 (cont)	
LM End	2.58	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.516444 °	38.516442 °	
				-121.530639 °	-121.530677 °	
DWR ID	LMA-65					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:232						
Site Designation:LMA-65						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:6/2/2017						
Notes: riparian scrub vegetation along WS bank/bench.						

Photo 3 of 3 : LEVAL\_FA\_2019\_232\_437.jpg



LM Start	2.58	Rating **	A/W	Issue No.	329
LM End	2.58	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.516460 °	38.516460 °
				-121.530673 °	-121.530673 °
DWR ID	DWR_MA0009_01_f_2017_329				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor runoff erosion at landside hinge point.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_329\_20190904\_00229.jpg



View of runoff erosion at landside hinge point. Spring 2019

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.68	Rating **	C	Issue No.	515
LM End	2.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.516278 °	38.516278 °
				-121.532560 °	-121.532560 °
DWR ID	DWR_MA0009_01_s_2019_515				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.73	Rating **	M	Issue No.	235
LM End	2.73	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.516236 °	38.516236 °
				-121.533581 °	-121.533581 °
DWR ID	DWR_MA0009_01_s_2018_235				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner has dug rows for a garden within 10' of the landside toe. Garden lattices block access, and fruit trees are not permitted within levee easement.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_235\_20190904\_00154.jpg



View of growing garden with lattices near landside toe. Fall 2018

LM Start	<b>2.73</b>	Rating **	M	Issue No.	<b>235 (cont)</b>
LM End	<b>2.73</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_235\_20190904\_00155.jpg



View of garden rows near landside toe. Spring 2018.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.79	Rating **	C	Issue No.	517
LM End	2.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.516140°	38.516108°
				-121.534613°	-121.535128°
DWR ID	DWR_MA0009_01_s_2019_517				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	2.82	Rating **	M	Issue No.	338
LM End	2.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516144°	38.516144°
				-121.535235°	-121.535235°
DWR ID	DWR_MA0009_01_f_2017_338				
Comment Code					
MA : Material					
Inspector Comment					
Landowner needs to move shed and clear landscaping materials from at least 10' away from the levee toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_338\_20191008\_00513.jpg



View of shed and landscaping materials within 10' of the levee toe. Fall 2019

LM Start	2.83	Rating **	C	Issue No.	518
LM End	2.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.516138°	38.516138°
				-121.535387°	-121.535387°
DWR ID	DWR_MA0009_01_s_2019_518				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	2.94	Rating **	M	Issue No.	51
LM End	2.94	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.516025 °	38.516025 °
				-121.537391 °	-121.537391 °
DWR ID	DWR_MA0009_01_s_2017_51				
Comment Code					
ST : Stairway					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_51\_20190904\_00019.jpg



Steps and landscaping in easement. Fall 2012

LM Start	2.97	Rating **	M	Issue No.	1254
LM End	2.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515971 °	38.515971 °
				-121.537862 °	-121.537862 °
DWR ID	DWR_MA0009_01_s_2012_1254				
Comment Code					
PL : Pool					
Inspector Comment					
The swimming pool does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_1254\_20190904\_00306.jpg



Pool and retaining wall in the easement. Fall 2012

LM Start	2.99	Rating **	M	Issue No.	54
LM End	2.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515930 °	38.515930 °
				-121.538303 °	-121.538303 °
DWR ID	DWR_MA0009_01_f_2019_54				
Comment Code					
CR : Crops					
Inspector Comment					
The homeowner planted a pumpkin patch on the levee easement.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_54\_20191008\_00515.jpg



View of pumpkin patch planted at the levee toe. Fall 2019

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.01	Rating **	M	Issue No.	520
LM End	3.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515832 °	38.515832 °
				-121.538598 °	-121.538598 °
DWR ID	DWR_MA0009_01_s _ 2019_520				
Comment Code					
FW : Firewood					
Inspector Comment					
Move firewood from levee toe.					

No Photos

LM Start	3.01	Rating **	M	Issue No.	35
LM End	3.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.515860 °	38.515821 °
				-121.538635 °	-121.538895 °
DWR ID	DWR_MA0009_01_f _ 2017_35				
Comment Code					
V6 : Landscaping					
Inspector Comment					
There is a footpath and multiple planter boxes at landside toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_35\_20190904\_00011.jpg



View of vegetation and footpath on the landside slope. Spring 2018.

LM Start	3.01	Rating **	M	Issue No.	1768
LM End	3.01	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515841 °	38.515841 °
				-121.538710 °	-121.538710 °
DWR ID	DWR_MA0009_01_s _ 2017_1768				
Comment Code					
EQ : Equipment					
Inspector Comment					
Landowner equipment on waterside berm needs to be moved.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_1768\_20190904\_00307.jpg



View of the equipment on the berm of the waterward side looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.07	Rating **	U	Issue No.	58
LM End	3.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515655 °	38.515598 °
				-121.539722 °	-121.539976 °
DWR ID	DWR_MA0009_01_s_2012_58				
Comment Code					
FE : Fence					
Inspector Comment					
The wooden fence does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_58\_20190904\_00023.jpg



Several homes have solid fences and make it hard to see.

LM Start	3.09	Rating **	M	Issue No.	44
LM End	3.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515568 °	38.515475 °
				-121.540004 °	-121.540503 °
DWR ID	DWR_MA0009_01_f_2017_44				
Comment Code					
FE : Fence					
Inspector Comment					
The wrought iron fence does not appear to have a permit.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_44\_20190904\_00018.jpg



View of fence at landside toe. Fall 2017.

LM Start	3.09	Rating **	M	Issue No.	216
LM End	3.12	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.515887 °	38.515794 °
				-121.540174 °	-121.540713 °
DWR ID	DWR_MA0009_01_s_2019_216				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 52.7 L					
Status: Eroding					
2017 Field Notes: Minor new toe erosion. Observed bricks mixed with soil.					
Site History: 2010 - Small section of slumping, can be fixed with maintenance. 2011 - Freshly fallen tree and minor new toe erosion.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.12	Rating **	M	Issue No.	62
LM End	3.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515481 °	38.515481 °
				-121.540605 °	-121.540605 °
DWR ID	DWR_MA0009_01_s_2012_62				
Comment Code					
RW : Retaining Wall					
Inspector Comment					
The concrete steps and retaining wall do not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_62\_20190904\_00024.jpg



View of the steps on the slope and the retaining wall at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	3.18	Rating **	M	Issue No.	165
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515257 °	38.515257 °
				-121.541667 °	-121.541667 °
DWR ID	DWR_MA0009_01_s_2013_165				
Comment Code					
EQ : Equipment					
Inspector Comment					
Decomposed granite on the berm of the watereward side of the levee.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_165\_20190904\_00093.jpg



A decomposed granite patio is on the berm. Fall 2013

LM Start	3.18	Rating **	M	Issue No.	299
LM End	3.18	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.515255 °	38.515255 °
				-121.541672 °	-121.541672 °
DWR ID	DWR_MA0009_01_s_2014_299				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, decking plus firewood need a permit. Stairway does not have permit but does not inhibit emergency operations.					

Photo 1 of 3 : FA\_2019\_MA0009\_201\_299\_20190904\_00202.jpg



New steps on the waterside slope. Spring 2014

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.18	Rating **	M	Issue No.	299 (cont)	
LM End	3.18	Issue Type +	En	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.515255 °		38.515255 °
				-121.541672 °		-121.541672 °
DWR ID	DWR_MA0009_01_s_2014_299					
Comment Code						
ST : Stairway						
Inspector Comment						
Steps, decking plus firewood need a permit. Stairway does not have permit but does not inhibit emergency operations.						

Photo 2 of 3 : FA\_2019\_MA0009\_201\_299\_20190904\_00203.jpg



A new deck has been added to the waterside berm. Spring 2014

LM Start	<b>3.18</b>	Rating **	M	Issue No.	<b>299 (cont)</b>
LM End	<b>3.18</b>	Issue Type +	En	Location *	WS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_299\_20190904\_00204.jpg



A large stack of firewood on the waterside berm. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.19	Rating **	M	Issue No.	1787
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID	18909				
Comment Code					
Inspector Comment					
DS_ID:18909 FS_ID:5860 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. This pipe was not part of the upgrade to the pier/walkway under Permit No. 17904. Nor was it part of the pier before the upgrade. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) water line through the levee, 1.5 feet below the crown. Hose bib attached to downstream side of boat ramp/pier, 50 feet upstream from pipe crossing. FS Date: 6/20/2012 10:14:00 AM					

Photo 1 of 2 : UCIP\_FA\_2019\_5860\_8946.jpg



Pipes visible on downstream side of pier walkway.

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>1787 (cont)</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5860\_8945.jpg



Pipes visible on LS slope approximately 50-feet downstream from pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.19	Rating **	M	Issue No.	1788
LM End	3.19	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.515210 °	38.515210 °
				-121.541840 °	-121.541840 °
DWR ID	18910				
Comment Code					
Inspector Comment					
DS_ID:18910 FS_ID:5856 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch galvanized steel electrical conduit through the levee, 0.5 feet below the crown. 0.75-inch polyvinyl chloride (PVC) electrical conduit running through it. FS Date: 6/20/2012 10:18:37 AM					

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>1788 (cont)</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_5856\_8938.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

Photo 2 of 2 : UCIP\_FA\_2019\_5856\_8937.jpg



Galvanized steel pipe with pvc electrical conduit running through it, LS shoulder 50-feet downstream from pier/ramp.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.19	Rating **	M	Issue No.	1789	
LM End	3.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.515230 °	38.515230 °	
				-121.541850 °	-121.541850 °	
DWR ID	18908					
Comment Code						
Inspector Comment						
DS_ID:18908						
FS_ID:5854						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipes were not part of permit for upgrade to pier (PN: 17904) nor were they apart of the existing pier previous to this permit.						
FIELD_STRUCT_DESC: 1.25-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown. Electrical box mounted to post on the landside (LS) shoulder.						
FS Date: 6/20/2012 10:02:01 AM						

LM Start	<b>3.19</b>	Rating **	M	Issue No.	<b>1789 (cont)</b>
LM End	<b>3.19</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_5854\_8934.jpg



Pipes at downstream side of walkway/pier on WS slope.

Photo 2 of 2 : UCIP\_FA\_2019\_5854\_8933.jpg



Pipes on LS slope approximately 50-feet downstream from walkway/pier.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Sacramento Maintenance Yard Maintenance Area 0009

View of the groundcover and vines growing on the fence on the landward side of the levee looking downstream. Spring 2016.

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.25	Rating **	M	Issue No.	347
LM End	3.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.514947 °	38.514947 °
				-121.543003 °	-121.543003 °
DWR ID	DWR_MA0009_01_f_2017_347				
Comment Code					
DE : Debris					
Inspector Comment					
Chairs, table, and rocks were placed on waterside berm.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_347\_20190904\_00250.jpg



View of chairs, table, and rocks on waterside berm. Fall 2017.

LM Start	3.27	Rating **	M	Issue No.	70
LM End	3.28	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514899 °	38.514842 °
				-121.543224 °	-121.543444 °
DWR ID	DWR_MA0009_01_s_2012_70				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The wall and wrought iron fence are unauthorized. Vegetation on fence blocks visibility.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_70\_20190904\_00027.jpg



View of the wall built along the levee toe on the landward side looking downstream. Landscape vegetation is starting to block the wall. Spring 2016.

LM Start	<b>3.27</b>	Rating **	M	Issue No.	<b>70 (cont)</b>
LM End	<b>3.28</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_70\_20190904\_00028.jpg



Wall built along toe of levee. Fall 2012

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_495\_20190904\_00289.jpg



View of metal stairway to water. Fall 2018

Photo 2 of 2 : FA\_2019\_MA0009\_201\_495\_20190904\_00290.jpg



View of wooden stairway on waterside slope. Fall 2018

Photo 1 of 1 : FA\_2019\_MA0009\_201\_271\_20191008\_00516.jpg



View of wooden stairway with railings on the landside slope. Fall 2019

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.30	Rating **	A/W	Issue No.	100
LM End	3.52	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.514757 °	38.513647 °
				-121.543781 °	-121.547648 °
DWR ID	DWR_MA0009_01_s_2012_100				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_100\_20190904\_00042.jpg



A revegetation site. Photo taken spring 2012.

LM Start	<b>3.30</b>	Rating **	A/W	Issue No.	<b>100 (cont)</b>
LM End	<b>3.52</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_100\_20190904\_00043.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	3.31	Rating **	U	Issue No.	73	
LM End	3.34	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.514718 °		38.514555 °
				-121.543961 °		-121.544552 °
DWR ID	DWR_MA0009_01_s_2012_73					
Comment Code						
FE : Fence						
Inspector Comment						
The concrete/masonry wall fence does not appear to be authorized.						

Photo 1 of 1 : FA\_2019\_MA0009\_201\_73\_20190904\_00030.jpg



View of the wood and block fence at the toe of the levee on the landward side looking downstream. Spring 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.47	Rating **	M	Issue No.	187
LM End	3.47	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513880 °	38.513880 °
				-121.546778 °	-121.546778 °
DWR ID	DWR_MA0009_01_f_2019_187				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on waterside slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_187\_20191008\_00517.jpg



View of fallen tree limb on the waterside slope. Fall 2019

LM Start	3.51	Rating **	A/W	Issue No.	289	
LM End	3.51	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.513646 °		38.513646 °
				-121.547448 °		-121.547448 °
DWR ID	DWR_MA0009_01_f_2018_289					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

No Photos

LM Start	3.57	Rating **	U	Issue No.	74
LM End	3.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513416 °	38.513337 °
				-121.548463 °	-121.548820 °
DWR ID	DWR_MA0009_01_s_2012_74				
Comment Code					
FE : Fence					
Inspector Comment					
The wooden fence does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_74\_20190904\_00031.jpg



View of the wooden fence and tall shrubs at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.59	Rating **	C	Issue No.	75
LM End	3.61	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.513330 °	38.513236 °
				-121.548838 °	-121.549264 °
DWR ID	DWR_MA0009_01_s_2018_75				
Comment Code					
V6 : Landscaping					
Inspector Comment					
The hedges block the view of the levee berm.					

No Photos

LM Start	3.65	Rating **	M	Issue No.	76
LM End	3.65	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.513068 °	38.513068 °
				-121.549977 °	-121.549977 °
DWR ID	DWR_MA0009_01_f _ 2019_76				
Comment Code					
FE : Fence					
Inspector Comment					
The wooden fence alignment reaches the levee toe and does not appear to be authorized and is listed on the levee log. There is also a cactus at the toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_76\_20191008\_00518.jpg



View of wooden fence at levee toe. Fall 2019

LM Start	3.69	Rating **	M	Issue No.	355
LM End	3.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512895 °	38.512780 °
				-121.550539 °	-121.550782 °
DWR ID	DWR_MA0009_01_f_2017_355				
Comment Code					
DE : Debris					
Inspector Comment					
There is tree stump debris along the fence.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.70	Rating **	M	Issue No.	370
LM End	3.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512784 °	38.512120 °
				-121.550782 °	-121.551919 °
DWR ID	DWR_MA0009_01_f_2017_370				
Comment Code					
UR : Urban					
Inspector Comment					
Landowner needs to remove the bench on the crown.					

No Photos

LM Start	3.74	Rating **	M	Issue No.	82
LM End	3.74	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.512507 °	38.512507 °
				-121.551334 °	-121.551334 °
DWR ID	DWR_MA0009_01_s_2012_82				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps are not permitted.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_82\_20190904\_00034.jpg



View of the steps and landscaping at the toe of the levee on the landward side looking downstream. Spring 2016.

LM Start	3.77	Rating **	C	Issue No.	84
LM End	3.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512221 °	38.512221 °
				-121.551793 °	-121.551793 °
DWR ID	DWR_MA0009_01_s_2012_84				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping bushes at the toe of the levee block visibility.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.78	Rating **	C	Issue No.	85
LM End	3.78	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.512090°	38.512090°
				-121.551958°	-121.551958°
DWR ID	DWR_MA0009_01_s_2012_85				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Groundcover does not seem to be permitted and blocks visibility on the slope.					

No Photos

LM Start	3.83	Rating **	U	Issue No.	88
LM End	3.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.511605 °	38.511605 °
				-121.552533 °	-121.552533 °
DWR ID	DWR_MA0009_01_s_2012_88				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation is on the fence and blocks visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_88\_20190904\_00037.jpg



View of the landscaping at the toe of the levee on the landward side of the levee looking downstream. Spring 2016.

LM Start	3.84	Rating **	M	Issue No.	373
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511522°	38.511333°
				-121.552635°	-121.552813°
DWR ID	DWR_MA0009_01_f_2017_373				
Comment Code					
FE : Fence					
Inspector Comment					
Wire grid fence at landside toe does not appear to be authorized.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.85	Rating **	M	Issue No.	89
LM End	3.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511372 °	38.511372 °
				-121.552767 °	-121.552767 °
DWR ID	DWR_MA0009_01_s_2012_89				
Comment Code					
ST : Stairway					
Inspector Comment					
Concrete stairs are not authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_89\_20190904\_00038.jpg



View of the steps on the landward side of the levee looking upstream.  
Spring 2016.

LM Start	3.87	Rating **	M	Issue No.	376
LM End	3.88	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.511149 °	38.510967 °
				-121.552987 °	-121.553143 °
DWR ID	DWR_MA0009_01_f_2017_376				
Comment Code					
FE : Fence					
Inspector Comment					
The iron fence at landside toe with vegetation appears to be unauthorized and blocks visibility.					

No Photos

LM Start	3.88	Rating **	C	Issue No.	525
LM End	3.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.510940 °	38.510940 °
				-121.553118 °	-121.553118 °
DWR ID	DWR_MA0009_01_s_2019_525				
Comment Code					
PR : Prunings					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement





**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	3.94	Rating **	M	Issue No.	246 (cont)	
LM End	3.94	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.510207 °		38.510207 °
				-121.553730 °		-121.553730 °
DWR ID	DWR_MA0009_01_f_2016_246					
Comment Code						
V6 : Landscaping						
Inspector Comment						
Groundover blocks visibility of the landside slope.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_246\_20190904\_00170.jpg



View of vegetation on LS slope and crown. Fall 2016.

LM Start	3.96	Rating **	M	Issue No.	273
LM End	3.96	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509950 °	38.509950 °
				-121.553879 °	-121.553879 °
DWR ID	DWR_MA0009_01_s_2017_273				
Comment Code					
DE : Debris					
Inspector Comment					
Table and chairs on crown.					

No Photos

LM Start	3.98	Rating **	M	Issue No.	526
LM End	3.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.509750 °	38.509750 °
				-121.554052 °	-121.554052 °
DWR ID	DWR_MA0009_01_s_2019_526				
Comment Code					
DE : Debris					
Inspector Comment					
Lawn chairs and table need to be removed from crown.					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

## Sacramento Maintenance Yard Maintenance Area 0009

No Photos

View of the retaining wall at the toe of the levee looking downstream.  
Groundcover has been removed. Fall 2015.

View of steps on waterside slope. Fall 2017.

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## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_97\_20190904\_00040.jpg



New fruit trees have been added to the toe of the levee. Spring 2014

Photo 2 of 2 : FA\_2019\_MA0009\_201\_97\_20190904\_00041.jpg



Fruit trees and landscaping within the easement. Fall 2013

Photo 1 of 1 : FA\_2019\_MA0009\_201\_392\_20190904\_00274.jpg



View of encroachments on waterside slope. Fall 2017.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.06	Rating **	M	Issue No.	105
LM End	4.06	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508666 °	38.508666 °
				-121.554584 °	-121.554584 °
DWR ID	DWR_MA0009_01_s_2012_105				
Comment Code					
ST : Stairway					
Inspector Comment					
Steps, fence, and pool do not appear to be permitted.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_105\_20190904\_00045.jpg



View of steps, fence and landscape. Spring 2017

LM Start	4.08	Rating **	M	Issue No.	394
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508375 °	38.508189 °
				-121.554720 °	-121.554820 °
DWR ID	DWR_MA0009_01_f_2017_394				
Comment Code					
FE : Fence					
Inspector Comment					
Iron fence at landside toe and concrete steps are not permitted.					

No Photos

LM Start	4.09	Rating **	M	Issue No.	274
LM End	4.09	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.508315 °	38.508315 °
				-121.554740 °	-121.554740 °
DWR ID	DWR_MA0009_01_s_2017_274				
Comment Code					
DE : Debris					
Inspector Comment					
Bench on waterside shoulder.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_274\_20190904\_00193.jpg



View of bench on waterside shoulder. Spring 2017.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.10	Rating **	M	Issue No.	195
LM End	4.10	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.508166 °	38.508166 °
				-121.554827 °	-121.554827 °
DWR ID	DWR_MA0009_01_s_2018_195				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence obstruct visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_195\_20190904\_00122.jpg



Fence with grape vines growing on it. Spring 2013

LM Start	4.11	Rating **	M	Issue No.	530
LM End	4.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.507970 °	38.507970 °
				-121.554935 °	-121.554935 °
DWR ID	DWR_MA0009_01_s_2019_530				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim and thin trees for visibility of levee toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_530\_20190904\_00293.jpg



View of landscaping that blocks visibility of landside toe. Spring 2019

LM Start	4.20	Rating **	U	Issue No.	396
LM End	4.22	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.506850 °	38.506568 °
				-121.555607 °	-121.555693 °
DWR ID	DWR_MA0009_01_f_2018_396				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation on chain link fence blocks visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_396\_20190904\_00275.jpg



View of vegetation on fence on landside. Fall 2017.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_107\_20191008\_00525.jpg



LM Start	<b>4.21</b>	Rating **	A/W	Issue No.	<b>107 (cont)</b>
LM End	<b>4.36</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_107\_20190904\_00046.jpg



LM Start	<b>4.27</b>	Rating **	U	Issue No.	<b>277</b>					
LM End	<b>4.28</b>	Issue Type +	En	Location *	LS					
Category	Earthen Levee			GPS Latitude/Longitude						
				Start	End					
Item	Vegetation			38.505834 °	38.505675 °					
				-121.555995 °	-121.556057 °					
DWR ID	DWR_MA0009_01_s _ 2017_277									
Comment Code										
V6 : Landscaping										
Inspector Comment										

Photo 1 of 1 : FA\_2019\_MA0009\_201\_277\_20190904\_00194.jpg



View of vegetation on landside slope. Spring 2017.

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	Ob : Design & System Obsolescence
WS : Water Side	M : Minimally Acceptable	En : Enforcement
CR : Crown	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.29	Rating **	M	Issue No.	335
LM End	4.29	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.505582°	38.505582°
				-121.556098°	-121.556098°
DWR ID	DWR_MA0009_01_f_2013_335				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on fence need to be maintained for visibility.					

LM Start	<b>4.29</b>	Rating **	M	Issue No.	<b>335 (cont)</b>
LM End	<b>4.29</b>	Issue Type +	En	Location *	LS

Photo 1 of 2 : FA\_2019\_MA0009\_201\_335\_20190904\_00238.jpg



View of the vegetation on the landward side of the levee. Wild grapes have been cleared but there still seems to be vines on the fence. Spring 2016.

Photo 2 of 2 : FA\_2019\_MA0009\_201\_335\_20190904\_00239.jpg



View of the vegetation on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Sacramento Maintenance Yard Maintenance Area 0009

View of the fence and landscaping on the landward side of the levee.  
Spring 2016.

No Photos

View of shed at the landside toe. Fall 2019

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.34	Rating **	M	Issue No.	534
LM End	4.34	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.504785 °	38.504785 °
				-121.556322 °	-121.556322 °
DWR ID	DWR_MA0009_01_s_2019_534				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vines on chainlink fence block visibility.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_534\_20190904\_00295.jpg



View of vines on chainlink fence that block visibility of levee toe easement. Spring 2019

LM Start	4.39	Rating **	M	Issue No.	278
LM End	4.39	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.504105 °	38.504105 °
				-121.556562 °	-121.556562 °
DWR ID	DWR_MA0009_01_s_2019_278				
Comment Code					
DE : Debris					
Inspector Comment					
Picnic tables on the WS slope are not permitted.					

No Photos

LM Start	4.43	Rating **	M	Issue No.	400
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503643 °	38.503141 °
				-121.556720 °	-121.556897 °
DWR ID	DWR_MA0009_01_f_2017_400				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden see-through fence on landside toe.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.45	Rating **	M	Issue No.	121
LM End	4.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503350 °	38.503350 °
				-121.556800 °	-121.556800 °
DWR ID	DWR_MA0009_01_s_2012_121				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_121\_20190904\_00052.jpg



The levee slope has been terraced and with a small retaining wall, fence and landscape. Spring 2013

LM Start	4.46	Rating **	M	Issue No.	401
LM End	4.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.503137 °	38.502679 °
				-121.556901 °	-121.557131 °
DWR ID	DWR_MA0009_01_f_2017_401				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe.					

No Photos

LM Start	4.46	Rating **	M	Issue No.	122
LM End	4.46	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.503106 °	38.503106 °
				-121.556917 °	-121.556917 °
DWR ID	DWR_MA0009_01_s_2019_122				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Maple trees are not permitted on the slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_122\_20190904\_00053.jpg



Groundcover, fence and landscape makes it hard to see the toe. Spring 2013

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Sacramento Maintenance Yard Maintenance Area 0009

No Photos

Steps, fence, and large redwood trees. Spring 2013

Fence, landscape, and buildings at toe. Spring 2013

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.59	Rating **	M	Issue No.	333
LM End	4.59	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.501356°	38.501356°
				-121.557638°	-121.557638°
DWR ID	DWR_MA0009_01_s_2016_333				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>333 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : FA\_2019\_MA0009\_201\_333\_20190904\_00234.jpg



View of erosion upstream of gate. Fall 2018

Photo 2 of 3 : FA\_2019\_MA0009\_201\_333\_20190904\_00235.jpg



View of erosion downstream of gate. Fall 2018

LM Start	<b>4.59</b>	Rating **	M	Issue No.	<b>333 (cont)</b>
LM End	<b>4.59</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_333\_20190904\_00236.jpg



View of cracking downstream of gate. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.62	Rating **	C	Issue No.	536
LM End	4.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.500923 °	38.500923 °
				-121.557682 °	-121.557682 °
DWR ID	DWR_MA0009_01_s _ 2019_536				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	4.64	Rating **	C	Issue No.	406
LM End	4.64	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.500720 °	38.500720 °
				-121.557766 °	-121.557766 °
DWR ID	DWR_MA0009_01_f _ 2017_406				
Comment Code					
PO : Pole					
Inspector Comment					
Downed power pole on levee crown.					

No Photos

LM Start	4.65	Rating **	M	Issue No.	130
LM End	4.70	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.500565 °	38.499761 °
				-121.557810 °	-121.557832 °
DWR ID	DWR_MA0009_01_s _ 2012_130				
Comment Code					
FE : Fence					
Inspector Comment					
The solid, wooden fence does not meet Permit 16400 requirements for a see-through fence.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_130\_20190904\_00057.jpg



View of the wooden fence under the trees at the toe of the levee on the landward side looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.65	Rating **	M	Issue No.	1790
LM End	4.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.500490 °	38.500490 °
				-121.557780 °	-121.557780 °
DWR ID	17418				
Comment Code					
Inspector Comment					
DS_ID:17418 FS_ID:5760 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM					

LM Start	<b>4.65</b>	Rating **	M	Issue No.	<b>1790 (cont)</b>
LM End	<b>4.65</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5760\_8723.jpg



Boat dock ramp on WS shoulder where pipe may have come through.

Photo 2 of 3 : UCIP\_FA\_2019\_5760\_8722.jpg



Two t-posts may indicate pipe location on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.65	Rating **	M	Issue No.	1790 (cont)
LM End	4.65	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.500490 °	38.500490 °
				-121.557780 °	-121.557780 °
DWR ID	17418				
Comment Code					
Inspector Comment					
DS_ID:17418 FS_ID:5760 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Locate and determine type of pipe abandonment. FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe through the levee, 3.4-feet below the crown. Constructed with 1-CM cut-off wall and a pump on the river side. Originally included in the O+M manual (1955). Levee log indicates this pipe abandoned in place. Two t-posts on LS toe may indicate location of pipe. Pictures in Permit 6525 clearly show this pipe just upstream of boat dock walkway. FS Date: 7/25/2012 9:10:00 AM					

Photo 3 of 3 : UCIP\_FA\_2019\_5760\_8724.jpg



Pier and floating dock near location of pipe.

LM Start	4.67	Rating **	A/W	Issue No.	144
LM End	4.78	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500296°	38.498700°
				-121.557817°	-121.557832°
DWR ID	DWR_MA0009_01_s_2016_144				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_144\_20190904\_00071.jpg



Revegetation area on the waterside berm. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.68	Rating **	M	Issue No.	113
LM End	4.68	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.500062 °	38.500062 °
				-121.557825 °	-121.557825 °
DWR ID	DWR_MA0009_01_s_2012_113				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Vegetation has been sprayed but still needs to be cleared.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_113\_20190904\_00047.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	<b>4.68</b>	Rating **	M	Issue No.	<b>113 (cont)</b>
LM End	<b>4.68</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_113\_20190904\_00048.jpg



The garden continues to be on the levee slope. Spring 2014

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>4.70</b>	Rating **	A/W	Issue No.	<b>234</b>
LM End	<b>4.70</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 Storm Damage		38.499824 °	38.499824 °	
			-121.557934 °	-121.557934 °	

DWR ID	MA9-02
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**Comment Code**

**Inspector Comment**

**Levee Evaluation Comments**

**Description:**

Site ID No:55

Site Designation:MA9-02

Repair Type: Erosion

Rating:Area of Concern

Field Date:5/18/2017

Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site. Damage looks like it may have been caused by a nearby resident draining a pool with a hose. 2019 Spring DWR Inspection: Wood chips have been placed on erosion sites.

LM Start	<b>4.70</b>	Rating **	A/W	Issue No.	<b>234 (cont)</b>
LM End	<b>4.70</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 2 : FA\_2019\_MA0009\_201\_234\_20190904\_00152.jpg



View of erosion on waterside slope. Fall 2018

Photo 2 of 2 : FA\_2019\_MA0009\_201\_234\_20190904\_00153.jpg



View of erosion on waterside slope. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>4.70</b>	Rating **	C	Issue No.	<b>316</b>
LM End	<b>4.70</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.499802°	38.499802°	
			-121.557835°	-121.557835°	
DWR ID	DWR_MA0009_01_f_2018_316				
Comment Code					
CR : Crops					
Inspector Comment					
Garden may attract rodent activity.					

No Photos

LM Start	<b>4.70</b>	Rating **	M	Issue No.	<b>407</b>
LM End	<b>4.70</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.499733°	38.499733°	
			-121.557855°	-121.557855°	
DWR ID	DWR_MA0009_01_f_2017_407				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					

No Photos

LM Start	<b>4.71</b>	Rating **	M	Issue No.	<b>120</b>
LM End	<b>4.71</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.499652°	38.499652°	
			-121.557915°	-121.557915°	
DWR ID	DWR_MA0009_01_f_2019_120				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove broken tree limb from landside shoulder.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.71	Rating **	M	Issue No.	131
LM End	4.71	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.499636 °	38.499636 °
				-121.557871 °	-121.557871 °
DWR ID	DWR_MA0009_01_s_2012_131				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_131\_20190904\_00058.jpg



View of the landscaping on the landward side of the levee looking upstream. Blackberry shrubs are at the toe of the levee. Fall 2015.

LM Start	4.94	Rating **	C	Issue No.	541
LM End	4.94	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.496388 °	38.496388 °
				-121.557122 °	-121.557122 °
DWR ID	DWR_MA0009_01_s_2019_541				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	4.95	Rating **	M	Issue No.	411
LM End	4.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.496184 °	38.495824 °
				-121.557039 °	-121.556820 °
DWR ID	DWR_MA0009_01_f_2017_411				
Comment Code					
FE : Fence					
Inspector Comment					
Chain link fence at landside toe appears to be unauthorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_411\_20190904\_00277.jpg



View of fence, stairway, and vegetation encroaching levee slope. Fall 2018

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.96	Rating **	M	Issue No.	135
LM End	4.98	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.496110°	38.495871°
				-121.556939°	-121.556777°
DWR ID	DWR_MA0009_01_s_2012_135				
Comment Code					
RW : Retaining Wall					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_135\_20190904\_00063.jpg



View of the landscaping on the landward side of the levee looking upstream. The retaining wall has been covered by the groundcover. Fall 2015.

LM Start	<b>4.96</b>	Rating **	M	Issue No.	<b>135 (cont)</b>
LM End	<b>4.98</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_135\_20190904\_00064.jpg



A retaining wall with a fence on top and some groundcover. Photo taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.97	Rating **	M	Issue No.	136
LM End	4.97	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495981 °	38.495981 °
				-121.556864 °	-121.556864 °
DWR ID	DWR_MA0009_01_s _ 2012_136				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_136\_20190904\_00065.jpg



The two story house was built at the toe of the levee.

LM Start	4.99	Rating **	N	Issue No.	542
LM End	4.99	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.495745 °	38.495745 °
				-121.556683 °	-121.556683 °
DWR ID	DWR_MA0009_01_s _ 2019_542				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_542\_20190904\_00296.jpg



View of tree stump at levee toe. Spring 2019

LM Start	4.99	Rating **	M	Issue No.	138
LM End	4.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495687 °	38.495687 °
				-121.556705 °	-121.556705 °
DWR ID	DWR_MA0009_01_s _ 2012_138				
Comment Code					
BU : Building					
Inspector Comment					
Building and hose bib on landside slope.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_138\_20190904\_00066.jpg

View of house at landside toe and stairway and hose bib on levee slope.  
Fall 2018**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	4.99	Rating **	M	Issue No.	138 (cont)	
LM End	4.99	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.495687 °	38.495687 °	
				-121.556705 °	-121.556705 °	
DWR ID	DWR_MA0009_01_s_2012_138					
Comment Code						
BU : Building						
Inspector Comment						
Building and hose bib on landside slope.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_138\_20190904\_00067.jpg



View of the house at the toe of the levee on the landward side looking upstream. Spring 2016.

LM Start	5.01	Rating **	U	Issue No.	139
LM End	5.01	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.495529 °	38.495529 °
				-121.556592 °	-121.556592 °
DWR ID	DWR_MA0009_01_s_2012_139				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_139\_20190904\_00068.jpg



The side of the barn is into levee toe.

LM Start	<b>5.01</b>	Rating **	U	Issue No.	<b>139 (cont)</b>
LM End	<b>5.01</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_139\_20190904\_00069.jpg



View of the barn at the levee toe on the landward side of the levee. Trees need to be trimmed for visibility. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.02	Rating **	M	Issue No.	201
LM End	5.02	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495400°	38.495400°
				-121.556488°	-121.556488°
DWR ID	DWR_MA0009_01_s_2013_201				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landowner needs to trim and thin trees.					

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>201 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : FA\_2019\_MA0009\_201\_201\_20190904\_00126.jpg



View of landscaping overgrowth along landside toe. Fall 2018

Photo 2 of 3 : FA\_2019\_MA0009\_201\_201\_20190904\_00127.jpg



View of the landscaping at the toe of the levee on the landward side looking upstream. Fall 2015.

LM Start	<b>5.02</b>	Rating **	M	Issue No.	<b>201 (cont)</b>
LM End	<b>5.02</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_201\_20190904\_00128.jpg



Shrubs and small trees are being planted on the levee. Spring 2013

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.03	Rating **	M	Issue No.	328
LM End	5.07	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.495235 °	38.494763 °
				-121.556393 °	-121.556085 °
DWR ID	DWR_MA0009_01_f_2015_328				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trim trees to at least 5' above the slope.					

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>328 (cont)</b>
LM End	<b>5.07</b>	Issue Type +	En	Location *	LS

Photo 1 of 3 : FA\_2019\_MA0009\_201\_328\_20190904\_00226.jpg



View of landscaping trees that need to be trimmed. Spring 2019

Photo 2 of 3 : FA\_2019\_MA0009\_201\_328\_20190904\_00227.jpg



Trees still need trimming. Fall 2016.

LM Start	<b>5.03</b>	Rating **	M	Issue No.	<b>328 (cont)</b>
LM End	<b>5.07</b>	Issue Type +	En	Location *	LS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_328\_20190904\_00228.jpg



View of the trees on the landward side of the levee looking downstream. Trees need to be trimmed. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Sacramento Maintenance Yard Maintenance Area 0009

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.25	Rating **	M	Issue No.	145
LM End	5.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.492442°	38.492442°
				-121.554319°	-121.554319°
DWR ID	DWR_MA0009_01_s_2012_145				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_145\_20190904\_00072.jpg



The building encroaches into the levee.

LM Start	<b>5.25</b>	Rating **	M	Issue No.	<b>145 (cont)</b>
LM End	<b>5.25</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_145\_20190904\_00073.jpg



A garden shed at the toe of the levee. Spring 2014

LM Start	5.28	Rating **	M	Issue No.	146
LM End	5.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.492132°	38.491623°
				-121.554072°	-121.553634°
DWR ID	DWR_MA0009_01_s_2018_146				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_146\_20190904\_00074.jpg



View of the landscaping along the toe of the levee on the landward side looking downstream. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.31	Rating **	M	Issue No.	1791
LM End	5.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.491750 °	38.491750 °
				-121.553730 °	-121.553730 °
DWR ID	18943				
Comment Code					
Inspector Comment					
DS_ID:18943 FS_ID:5900 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1 of 2: 2-inch electrical conduit of an unknown material through the levee, at an unknown depth. Conduit located on the downstream side of the boat dock ramp. FS Date: 6/20/2012 2:20:30 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5900\_8962.jpg



Pipes under walkway on WS at ramp.

LM Start	<b>5.31</b>	Rating **	M	Issue No.	<b>1791 (cont)</b>
LM End	<b>5.31</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5900\_8961.jpg



Ramp at WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.31	Rating **	M	Issue No.	1792
LM End	5.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.491730 °	38.491730 °
				-121.553720 °	-121.553720 °
DWR ID	18944				
Comment Code					
Inspector Comment					
DS_ID:18944 FS_ID:5901 EP_NO: 12922 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2 of 2: 2-inch water line of an unknown material through the levee, at an unknown depth. Water line located on the downstream side of the boat dock ramp. FS Date: 6/20/2012 2:40:41 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5901\_8964.jpg



Pipes through levee under walkway on WS shoulder.

LM Start	<b>5.31</b>	Rating **	M	Issue No.	<b>1792 (cont)</b>
LM End	<b>5.31</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5901\_8963.jpg



Walkway on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.34	Rating **	U	Issue No.	148
LM End	5.38	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.491357 °	38.490897 °
				-121.553393 °	-121.552974 °
DWR ID	DWR_MA0009_01_s_2012_148				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Landscaping blocks visibility of levee slopes.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_148\_20190904\_00075.jpg



View of the landscaping along the levee slope on the landward side looking downstream. Fall 2015.

LM Start	<b>5.34</b>	Rating **	U	Issue No.	<b>148 (cont)</b>
LM End	<b>5.38</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_148\_20190904\_00076.jpg



The cedar tree covers the levee slope blocks visibility. Photo taken spring 2012.

LM Start	5.35	Rating **	M	Issue No.	214
LM End	5.37	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.491086 °	38.490892 °
				-121.553540 °	-121.553352 °
DWR ID	DWR_MA0009_01_s_2019_214				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 50.3 L					
Status: Eroding					
2017 Field Notes: Vegetation has grown in the tree hole.					
Site History: 2011 - Tree popout at the toe has taken out the rock toe protection. 2016 - Sand deposition has filled in some of the hole.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.40	Rating **	A/W	Issue No.	414
LM End	5.40	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.490689 °	38.490689 °
				-121.552793 °	-121.552793 °
DWR ID	DWR_MA0009_01_f_2017_414				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on landside slope.					

No Photos

LM Start	5.41	Rating **	M	Issue No.	415
LM End	5.41	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.490555 °	38.490555 °
				-121.552672 °	-121.552672 °
DWR ID	DWR_MA0009_01_f_2017_415				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Repair tire tracks on landside slope.					

No Photos

LM Start	5.46	Rating **	M	Issue No.	191
LM End	5.46	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.489988 °	38.489988 °
				-121.552132 °	-121.552132 °
DWR ID	DWR_MA0009_01_f_2019_191				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
The fence at the waterside toe needs to remain locked to prevent private vehicle access.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_191\_20191008\_00523.jpg



View of slope damage by vehicle and/or foot traffic. The private gate at the toe was left open. Fall 2019

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.49	Rating **	A/W	Issue No.	132
LM End	5.93	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.489589 °	38.484026 °
				-121.551825 °	-121.547831 °
DWR ID	DWR_MA0009_01_s_2012_132				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_132\_20190904\_00059.jpg



Sign stating the revegetation site. Spring 2016.

LM Start	<b>5.49</b>	Rating **	A/W	Issue No.	<b>132 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_132\_20190904\_00060.jpg



View of the revegetation site on the waterward berm of the levee looking downstream. Spring 2016.

LM Start	5.50	Rating **	U	Issue No.	152
LM End	5.50	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.489427 °	38.489427 °
				-121.551715 °	-121.551715 °
DWR ID	DWR_MA0009_01_f_2017_152				
Comment Code					
FE : Fence					
Inspector Comment					
The wooden fence does not appear to be authorized.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_152\_20190904\_00080.jpg



View of fence at landside levee toe. Spring 2017.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.50	Rating **	U	Issue No.	152 (cont)	
LM End	5.50	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.489427 °	38.489427 °	
				-121.551715 °	-121.551715 °	
DWR ID	DWR_MA0009_01_f_2017_152					
Comment Code						
FE : Fence						
Inspector Comment						
The wooden fence does not appear to be authorized.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_152\_20190904\_00081.jpg



View of the landscaping at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	5.52	Rating **	A/W	Issue No.	238	
LM End	5.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.489231	°	38.489179
				-121.551502	°	-121.551473
DWR ID	LMA-66					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:233						
Site Designation:LMA-66						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:2/10/2017						
Notes: existing riparian scrub						

Photo 1 of 3 : LEVAL\_FA\_2019\_233\_451.jpg



**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.52	Rating **	A/W	Issue No.	238 (cont)	
LM End	5.52	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.489231 °	38.489179 °	
				-121.551502 °	-121.551473 °	
DWR ID	LMA-66					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:233						
Site Designation:LMA-66						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:2/10/2017						
Notes: existing riparian scrub						

Photo 2 of 3 : LEVAL\_FA\_2019\_233\_454.jpg



Photo 3 of 3 : LEVAL\_FA\_2019\_233\_586.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.53	Rating **	M	Issue No.	358
LM End	5.53	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.489152°	38.489152°
				-121.551452°	-121.551452°
DWR ID	DWR_MA0009_01_s_2016_358				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_358\_20190904\_00251.jpg



View of the site on LS of the levee looking downstream. Fall 2016.

LM Start	<b>5.53</b>	Rating **	M	Issue No.	<b>358 (cont)</b>
LM End	<b>5.53</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_358\_20190904\_00252.jpg



View of the slope stability on the landward side of the levee looking downstream. Spring 2016.

LM Start	5.53	Rating **	M	Issue No.	189
LM End	5.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.489112°	38.489112°
				-121.551467°	-121.551467°
DWR ID	DWR_MA0009_01_f_2019_189				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_189\_20191008\_00522.jpg



View of tire track damage on waterside slope. Fall 2019

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



## Sacramento Maintenance Yard Maintenance Area 0009

No Photos

View of erosion at levee shoulder. Spring 2019

View of concrete steps placed on slope near the school. Spring 2019

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.82	Rating **	A/W	Issue No.	308
LM End	5.82	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.485522 °	38.485522 °
				-121.548765 °	-121.548765 °
DWR ID	DWR_MA0009_01_f_2018_308				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
LMA has placed some gravel onto footpath.					

No Photos

LM Start	5.83	Rating **	M	Issue No.	367
LM End	5.83	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.485295 °	38.485295 °
				-121.548628 °	-121.548628 °
DWR ID	DWR_MA0009_01_s_2016_367				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Small garden starting at the berm of the levee. Tree debris also left onsite.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_367\_20190904\_00261.jpg



A garden is on the berm of the levee on the landward side. Spring 2016.

LM Start	<b>5.83</b>	Rating **	M	Issue No.	<b>367 (cont)</b>
LM End	<b>5.83</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_367\_20190904\_00262.jpg



View of the garden looking downstream. Spring 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.91	Rating **	C	Issue No.	352
LM End	5.91	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.484295 °	38.484295 °
				-121.548055 °	-121.548055 °
DWR ID	DWR_MA0009_01_s _ 2019_352				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	5.91	Rating **	M	Issue No.	651
LM End	5.91	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.484297 °	38.484297 °
				-121.547982 °	-121.547982 °
DWR ID	DWR_MA0009_01_s _ 2019_651				
Comment Code					
ST : Stairway					
Inspector Comment					
Concrete and wooden staircase is not permitted.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_651\_20190904\_00301.jpg



View of concrete and wooden staircase on levee slope. Spring 2019

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.93	Rating **	M	Issue No.	1793
LM End	5.93	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.484130 °	38.484130 °
				-121.547854 °	-121.547854 °
DWR ID	17425				
Comment Code					
Inspector Comment					
DS_ID:17425 FS_ID:4980 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_4980\_6630.jpg



Pipe entering water at WS toe

LM Start	<b>5.93</b>	Rating **	M	Issue No.	<b>1793 (cont)</b>
LM End	<b>5.93</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_4980\_6629.jpg



Pipe entering water at WS toe

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

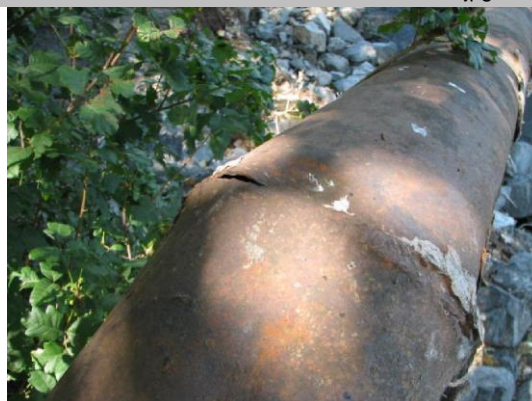
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.93	Rating **	M	Issue No.	1793 (cont)	
LM End	5.93	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.484130 °	38.484130 °	
				-121.547854 °	-121.547854 °	
DWR ID	17425					
Comment Code						
Inspector Comment						
DS_ID:17425 FS_ID:4980 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe has holes at welds on WS near bend in pipe. This pipe appears to be abandoned so it may need to be removed or grouted in place. FIELD_STRUCT_DESC: 8-inch concrete encased pipe through the levee, 4.9 feet below the crown. Pump in pump house on waterward slope, Siphon breaker in C.M riser on landward slope have been removed. Originally included in O+M manual (1955). FS Date: 6/20/2012 12:55:36 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_4980\_6628.jpg



small holes in pipe along welded seam.

LM Start	5.96	Rating **	M	Issue No.	155
LM End	5.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.483639 °	38.483310 °
				-121.547532 °	-121.547297 °
DWR ID	DWR_MA0009_01_s_2012_155				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_155\_20190904\_00083.jpg

View of the garden on the landward side of the levee looking downhill.  
Fall 2015.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	5.96	Rating **	A/W	Issue No.	284
LM End	5.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.483642 °	38.483642 °
				-121.547525 °	-121.547525 °
DWR ID	DWR_MA0009_01_s _ 2017_284				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	5.99	Rating **	M	Issue No.	652
LM End	5.99	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.483292 °	38.483292 °
				-121.547257 °	-121.547257 °
DWR ID	DWR_MA0009_01_s _ 2019_652				
Comment Code					
FE : Fence					
Inspector Comment					
Metal post fence is unpermitted.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_652\_20190904\_00302.jpg



View of metal post and cable fence at the levee toe. Spring 2019

LM Start	6.10	Rating **	A/W	Issue No.	369
LM End	6.10	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481937 °	38.481937 °
				-121.546230 °	-121.546230 °
DWR ID	DWR_MA0009_01_s _ 2017_369				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
LMA placed gravel on footpath.					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.11	Rating **	M	Issue No.	653
LM End	6.11	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.481767°	38.481767°
				-121.546092°	-121.546092°
DWR ID	DWR_MA0009_01_s_2019_653				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden fence extends into levee easement.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_653\_20190904\_00303.jpg



View of wooden fence that extends into levee easement. Spring 2019

LM Start	6.13	Rating **	A/W	Issue No.	134
LM End	6.25	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.481560 °	38.480129 °
				-121.545850 °	-121.544858 °
DWR ID	DWR_MA0009_01_s_2012_134				
Comment Code					
V8 : Environmental Requirements.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_134\_20190904\_00061.jpg



View of the revegetation site on the berm of the waterward side of the levee looking downstream. Spring 2016.

LM Start	<b>6.13</b>	Rating **	A/W	Issue No.	<b>134 (cont)</b>
LM End	<b>6.25</b>	Issue Type +	En	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_134\_20190904\_00062.jpg



A revegetation site. Photo taken spring 2012.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.13	Rating **	A/W	Issue No.	417
LM End	6.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481557°	38.481557°
				-121.545841°	-121.545841°
DWR ID	DWR_MA0009_01_f_2017_417				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
LMA placed gravel onto foothpath.					

No Photos

LM Start	6.15	Rating **	M	Issue No.	654
LM End	6.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.481412 °	38.481412 °
				-121.545718 °	-121.545718 °
DWR ID	DWR_MA0009_01_s_2019_654				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_654\_20191008\_00528.jpg



View of vehicle tracks on the landside slope. Fall 2019

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

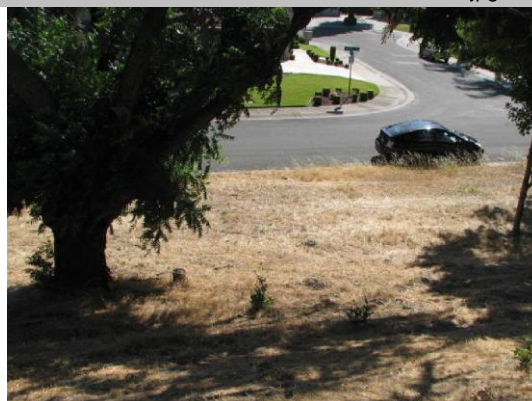
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.16	Rating **	M	Issue No.	1794
LM End	6.16	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.481270 °	38.481270 °
				-121.545630 °	-121.545630 °
DWR ID	17379				
Comment Code					
Inspector Comment					
DS_ID:17379 FS_ID:41067 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: remains of a cut off telephone pole 50-feet downstream from this location may be good indicator of abandoned pipe location. FIELD_STRUCT_DESC: 6-inch pipe through the levee approximately 17-feet below the crown. Constructed with 1-cm cut-off wall and pump and check valve on river side. Pipe has been plugged and abandoned in place 10/31/89. Originally included in O+M manual (1955). FS Date: 6/21/2012 3:50:00 PM					

Photo 1 of 1 : UCIP\_FA\_2019\_41067\_6688.jpg



Sawed off power pole at LS toe 50-feet Downstream from pipe location may be good indicator of Abandoned pipe location.

LM Start	6.24	Rating **	A/W	Issue No.	249
LM End	6.24	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.480251 °	38.480199 °
				-121.544900 °	-121.544865 °
DWR ID	LMA-67				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:234					
Site Designation:LMA-67					
Repair Type: Erosion					
Rating:Area of Concern					
Field Date:6/2/2017					
Notes: Footpath on landside slope.					

Photo 1 of 4 : FA\_2019\_MA0009\_201\_249\_20190904\_00171.jpg



View of slope damage along landside slope. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.24	Rating **	A/W	Issue No.	249 (cont)	
LM End	6.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.480251 °	38.480199 °	
				-121.544900 °	-121.544865 °	
DWR ID	LMA-67					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:234						
Site Designation:LMA-67						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/2/2017						
Notes: Footpath on landside slope.						

LM Start	<b>6.24</b>	Rating **	A/W	Issue No.	<b>249 (cont)</b>
LM End	<b>6.24</b>	Issue Type +	Ma	Location *	

Photo 2 of 4 : LEVAL\_FA\_2019\_234\_597.jpg

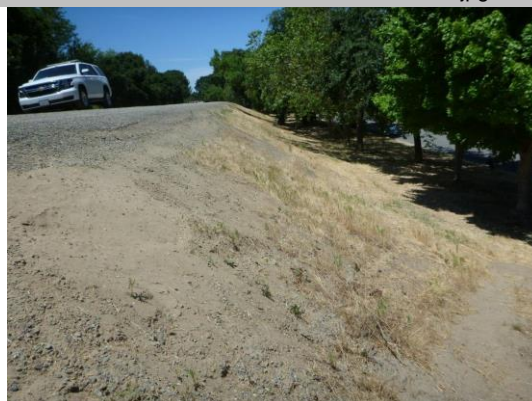
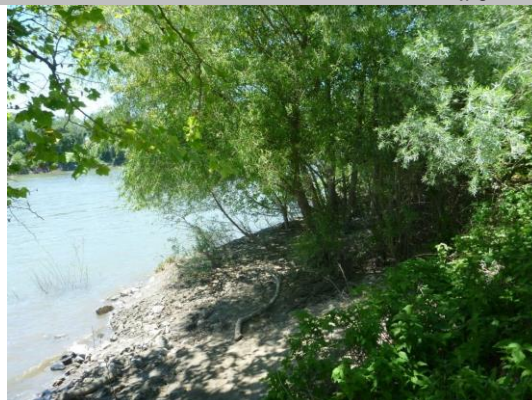


Photo 3 of 4 : LEVAL\_FA\_2019\_234\_606.jpg



**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.24	Rating **	A/W	Issue No.	249 (cont)	
LM End	6.24	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480251	°	38.480199
				-121.544900	°	-121.544865
DWR ID	LMA-67					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:234						
Site Designation:LMA-67						
Repair Type: Erosion						
Rating:Area of Concern						
Field Date:6/2/2017						
Notes: Footpath on landside slope.						

Photo 4 of 4 : LEVAL\_FA\_2019\_234\_608.jpg



LM Start	6.24	Rating **	C	Issue No.	337
LM End	6.24	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.480209 °	38.480209 °
				-121.544893 °	-121.544893 °
DWR ID	DWR_MA0009_01_f_2015_337				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
LMA placed some gravel onto footpath.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.25	Rating **	A/W	Issue No.	250	
LM End	6.25	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480124	°	38.480099
				-121.544812	°	-121.544795
DWR ID	LMA-68					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:235						
Site Designation:LMA-68						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:6/6/2017						
Notes: Erosion on existing landside footpaths.						

LM Start	<b>6.25</b>	Rating **	A/W	Issue No.	<b>250 (cont)</b>
LM End	<b>6.25</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : LEVAL\_FA\_2019\_235\_801.jpg

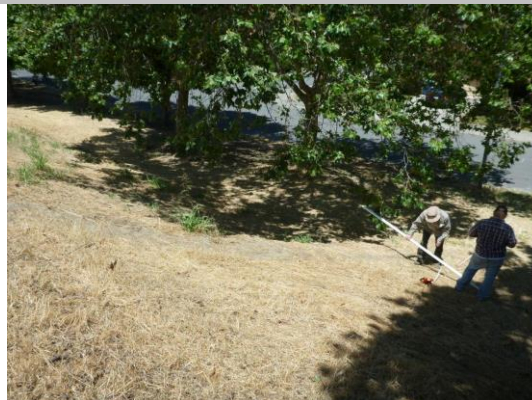


Photo 2 of 3 : LEVAL\_FA\_2019\_235\_807.jpg



<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.25	Rating **	A/W	Issue No.	250 (cont)	
LM End	6.25	Issue Type +	Ma	Location *	LS	
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	2017 Storm Damage			38.480124 °		38.480099 °
				-121.544812 °		-121.544795 °
DWR ID	LMA-68					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:235						
Site Designation:LMA-68						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:6/6/2017						
Notes: Erosion on existing landside footpaths.						

Photo 3 of 3 : LEVAL\_FA\_2019\_235\_812.jpg



LM Start	6.37	Rating **	M	Issue No.	375
LM End	6.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478698 °	38.478698 °
				-121.543333 °	-121.543333 °
DWR ID	DWR_MA0009_01_s_2016_375				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_375\_20190904\_00266.jpg



View of slope stability on WS of the levee. Fall 2016.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.37	Rating **	M	Issue No.	375 (cont)
LM End	6.37	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.478698 °	38.478698 °
				-121.543333 °	-121.543333 °
DWR ID	DWR_MA0009_01_s_2016_375				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

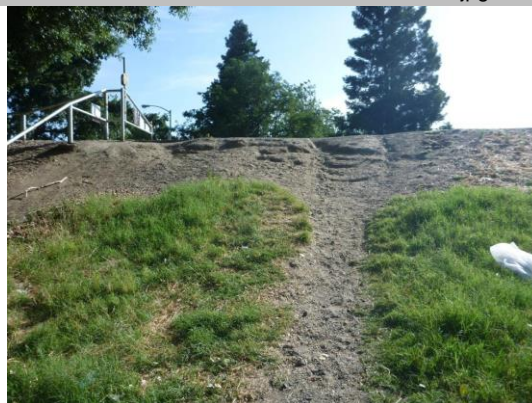
Photo 2 of 2 : FA\_2019\_MA0009\_201\_375\_20190904\_00267.jpg



View of the slope stability on the waterward side of the levee looking downstream. Spring 2016.

LM Start	6.43	Rating **	M	Issue No.	266
LM End	6.44	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.478089 °	38.478050 °
				-121.542623 °	-121.542581 °
DWR ID	LMA-69				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:236					
Site Designation:LMA-69					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/7/2017					
Notes: upper waterside levee slope erosion appeared caused from runoff from paved crown and foot traffic					

Photo 1 of 3 : LEVAL\_FA\_2019\_236\_815.jpg



\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.43	Rating **	M	Issue No.	266 (cont)	
LM End	6.44	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.478089 °	38.478050 °	
				-121.542623 °	-121.542581 °	
DWR ID	LMA-69					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:236						
Site Designation:LMA-69						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:6/7/2017						
Notes: upper waterside levee slope erosion appeared caused from runoff from paved crown and foot traffic						

Photo 2 of 3 : LEVAL\_FA\_2019\_236\_820.jpg



LM Start	<b>6.43</b>	Rating **	M	Issue No.	<b>266 (cont)</b>
LM End	<b>6.44</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL\_FA\_2019\_236\_517.jpg



**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.53	Rating **	M	Issue No.	301
LM End	6.53	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.477116°	38.477116°
				-121.541253°	-121.541253°
DWR ID	DWR_MA0009_01_s_2015_301				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on waterside slope.					

LM Start	<b>6.53</b>	Rating **	M	Issue No.	<b>301 (cont)</b>
LM End	<b>6.53</b>	Issue Type +	Ma	Location *	WS

Photo 1 of 3 : FA\_2019\_MA0009\_201\_301\_20190904\_00208.jpg



An updated view of slope stability site. Waterward side of the levee. Fall 2016.

Photo 2 of 3 : FA\_2019\_MA0009\_201\_301\_20190904\_00209.jpg



Looking at the trail caused by foot traffic. Fall 2015.

LM Start	<b>6.53</b>	Rating **	M	Issue No.	<b>301 (cont)</b>
LM End	<b>6.53</b>	Issue Type +	Ma	Location *	WS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_301\_20190904\_00210.jpg



Perspective view of the slope stability on the waterward side of the levee looking downstream. Fall 2015.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.62	Rating **	C	Issue No.	546
LM End	6.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.476355 °	38.476355 °
				-121.539980 °	-121.539980 °
DWR ID	DWR_MA0009_01_s _ 2019_546				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.64	Rating **	M	Issue No.	255
LM End	6.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.476221 °	38.476221 °
				-121.539637 °	-121.539637 °
DWR ID	DWR_MA0009_01_s _ 2018_255				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

LM Start	6.68	Rating **	M	Issue No.	203
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.475938 °	38.475938 °
				-121.539030 °	-121.539030 °
DWR ID	DWR_MA0009_01_f _ 2019_203				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal hole with recent activity.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_203\_20191008\_00529.jpg



View of animal hole that appears to have recent activity. Fall 2019

\* Location  
LS : Land Side N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable N : Not Inspected/Rated  
M : Minimally Acceptable C : Corrected  
U : Unacceptable A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.68	Rating **	A/W	Issue No.	341
LM End	6.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.475921 °	38.475921 °
				-121.539017 °	-121.539017 °
DWR ID	DWR_MA0009_01_f_2015_341				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Footpath on landside slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_341\_20190904\_00246.jpg



View of the slope stability issue caused by foot traffic on the waterward side of the levee looking downstream. Fall 2015.

LM Start	6.69	Rating **	C	Issue No.	548
LM End	6.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475830 °	38.475830 °
				-121.538830 °	-121.538830 °
DWR ID	DWR_MA0009_01_s_2019_548				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	6.72	Rating **	C	Issue No.	550
LM End	6.72	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475653 °	38.475653 °
				-121.538375 °	-121.538375 °
DWR ID	DWR_MA0009_01_s_2019_550				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.77	Rating **	M	Issue No.	418
LM End	6.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.475359 °	38.475359 °
				-121.537557 °	-121.537557 °
DWR ID	DWR_MA0009_01_f_2017_418				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Backfill animal burrows with recent activity.					

LM Start	<b>6.77</b>	Rating **	M	Issue No.	<b>418 (cont)</b>
LM End	<b>6.77</b>	Issue Type +	Ma	Location *	LS

Photo 1 of 3 : FA\_2019\_MA0009\_201\_418\_20190904\_00279.jpg



View of rodent holes still exist on landside slope. Fall 2018

Photo 2 of 3 : FA\_2019\_MA0009\_201\_418\_20190904\_00280.jpg



View of squirrel in hole on landside slope. Fall 2017.

LM Start	<b>6.77</b>	Rating **	M	Issue No.	<b>418 (cont)</b>
LM End	<b>6.77</b>	Issue Type +	Ma	Location *	LS

Photo 3 of 3 : FA\_2019\_MA0009\_201\_418\_20190904\_00281.jpg



Additional view of holes on landside slope. Fall 2017.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.89	Rating **	M	Issue No.	267
LM End	6.89	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.474828 °	38.474828 °
				-121.535455 °	-121.535455 °
DWR ID	MA9-03				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:56					
Site Designation:MA9-03					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:5/18/2017					
Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site by the end of November this year. Erosion cuts into WS toe road, but is not within the prism. Fall 2019 DWR Inspection: The cut into the WS toe road is almost 2' deep.					

Photo 1 of 3 : FA\_2019\_MA0009\_201\_267\_20191008\_00530.jpg



View of erosion on waterside berm road. Fall 2019

LM Start	<b>6.89</b>	Rating **	M	Issue No.	<b>267 (cont)</b>
LM End	<b>6.89</b>	Issue Type +	Ma	Location *	

Photo 2 of 3 : FA\_2019\_MA0009\_201\_267\_20190904\_00188.jpg



View of erosion on berm road. Fall 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	6.89	Rating **	M	Issue No.	267 (cont)	
LM End	6.89	Issue Type +	Ma	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.474828 °	38.474828 °	
				-121.535455 °	-121.535455 °	
DWR ID	MA9-03					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:56						
Site Designation:MA9-03						
Repair Type: Erosion						
Rating: Area of Concern						
Field Date:5/18/2017						
Notes: This site was visited but no data was recorded at the time. The Sac Yard is planning on repairing this site by the end of November this year. Erosion cuts into WS toe road, but is not within the prism. Fall 2019 DWR Inspection: The cut into the WS toe road is almost 2' deep.						

Photo 3 of 3 : FA\_2019\_MA0009\_201\_267\_20190904\_00189.jpg



Additional view of erosion. Fall 2017.

LM Start	6.96	Rating **	M	Issue No.	553
LM End	6.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474785 °	38.474785 °
				-121.534098 °	-121.534098 °
DWR ID	DWR_MA0009_01_s_2019_553				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	7.01	Rating **	A/W	Issue No.	213
LM End	7.28	Issue Type +	Ma	Location *	WS
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 USACE Erosion Survey			38.474575 °	38.474733 °
				-121.533104 °	-121.528221 °
DWR ID	DWR_MA0009_01_s_2019_213				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 48.4 L					
Status: Eroding New					
2017 Field Notes: New erosion along toe. Possibly part of pl 84-99 site					
Site History: 2016 - Extensive toe erosion. Erosion around roots of multiple trees.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_213\_20191008\_00531.jpg



View of erosion on waterside berm and around tree with exposed roots at approximately LM 7.05. Fall 2019

LM Start	<b>7.01</b>	Rating **	A/W	Issue No.	<b>213 (cont)</b>
LM End	<b>7.28</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_213\_20191008\_00532.jpg



View of erosion on waterside berm and around tree at approximately LM 7.21. Fall 2019

LM Start	7.06	Rating **	M	Issue No.	555
LM End	7.18	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474778 °	38.474830 °
				-121.532188 °	-121.530005 °
DWR ID	DWR_MA0009_01_s_2019_555				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Property needs to trim trees that block the levee slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_555\_20190904\_00297.jpg



View looking downstream at trees that need to be trimmed. Spring 2019

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	7.20	Rating **	M	Issue No.	209
LM End	7.20	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474857 °	38.474857 °
				-121.529663 °	-121.529663 °
DWR ID	DWR_MA0009_01_f_2019_209				
Comment Code					
FE : Fence					
Inspector Comment					
A metal pipe barrier runs perpendicular to the levee.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_209\_20191008\_00533.jpg



View of metal pipe barrier perpendicular to the levee. Fall 2019

LM Start	7.25	Rating **	M	Issue No.	158
LM End	7.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.474861 °	38.474861 °
				-121.528804 °	-121.528804 °
DWR ID	DWR_MA0009_01_s_2019_158				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Fruit tree and landscaping appear to be within the levee toe easement.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_158\_20190904\_00084.jpg



View of landscaping and fruit tree near levee toe. Fall 2018

LM Start	<b>7.25</b>	Rating **	M	Issue No.	<b>158 (cont)</b>
LM End	<b>7.25</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_158\_20190904\_00085.jpg



View of the landscaping on the landward side of the levee looking downstream. Landscape is borderline at easement of toe. Spring 2016.

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Sacramento Maintenance Yard Maintenance Area 0009

View of stairway on levee slope. Fall 2018

No Photos

View of footpath on landside slope. Spring 2019

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## Sacramento Maintenance Yard Maintenance Area 0009

View of iron fence alignment that juts out onto levee easement to include trees. Fall 2019

No Photos

View of tree debris on landside toe easement. Fall 2018

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	7.44	Rating **	U	Issue No.	162
LM End	7.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475156 °	38.475156 °
				-121.525212 °	-121.525212 °
DWR ID	DWR_MA0009_01_s_2012_162				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_162\_20190904\_00090.jpg



A wooden fence is near the toe of the levee. Spring 2016.

LM Start	<b>7.44</b>	Rating **	U	Issue No.	<b>162 (cont)</b>
LM End	<b>7.44</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_162\_20190904\_00091.jpg



Perspective view of the wooden fence on the landward side of the levee looking downstream. Spring 2016.

LM Start	7.48	Rating **	M	Issue No.	163
LM End	7.49	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.475227 °	38.475249 °
				-121.524477 °	-121.524312 °
DWR ID	DWR_MA0009_01_s_2012_163				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove palm trees from levee toe.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_163\_20190904\_00092.jpg



View of the trees and shrub at the toe of the levee. Spring 2016.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 2 : FA\_2019\_MA0009\_201\_334\_20191008\_00535.jpg



View of vegetable garden and landscaping within the landside toe easement. Fall 2019

Photo 2 of 2 : FA\_2019\_MA0009\_201\_334\_20190904\_00237.jpg



View of landscaping and walkway along levee toe. Fall 2018

Photo 1 of 1 : FA\_2019\_MA0009\_201\_330\_20190904\_00230.jpg



View of stairway with chain railing. Fall 2018

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	7.80	Rating **	M	Issue No.	324
LM End	7.80	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.475485 °	38.475485 °
				-121.518697 °	-121.518697 °
DWR ID	DWR_MA0009_01_f_2018_324				
Comment Code					
ST : Stairway					
Inspector Comment					
A wooden stairway is installed on the landside slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_324\_20191008\_00536.jpg



View of wooden stairs on the landside slope. Fall 2019

LM Start	7.81	Rating **	C	Issue No.	561
LM End	7.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475538 °	38.475538 °
				-121.518368 °	-121.518368 °
DWR ID	DWR_MA0009_01_s_2019_561				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	8.03	Rating **	C	Issue No.	563
LM End	8.03	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475402 °	38.475402 °
				-121.514452 °	-121.514452 °
DWR ID	DWR_MA0009_01_s_2019_563				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side    N/A : Not Applicable		A : Acceptable		Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable		Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable		En : Enforcement	
		N : Not Inspected/Rated			
		C : Corrected			
		A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	8.05	Rating **	C	Issue No.	252
LM End	8.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.475340 °	38.475340 °
				-121.514076 °	-121.514076 °
DWR ID	DWR_MA0009_01_f_2016_252				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					
Tree limbs still obstruct visibility of levee slope.					

No Photos

LM Start	8.18	Rating **	A/W	Issue No.	423
LM End	8.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.474827 °	38.474827 °
				-121.511708 °	-121.511708 °
DWR ID	DWR_MA0009_01_f_2017_423				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on landside slope.					

No Photos

LM Start	8.19	Rating **	M	Issue No.	233
LM End	8.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.474808 °	38.473687 °
				-121.511608 °	-121.508012 °
DWR ID	DWR_MA0009_01_f_2019_233				
Comment Code					
PR : Prunings					
Inspector Comment					
Remove prunings from levee shoulders.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>8.34</b>	Rating **	C	Issue No.	<b>566</b>
LM End	<b>8.34</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.474005°	38.474005°
				-121.508933°	-121.508933°
DWR ID	DWR_MA0009_01_s_2019_566				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>8.35</b>	Rating **	A/W	Issue No.	<b>424</b>
LM End	<b>8.35</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.473985°	38.473985°
				-121.508786°	-121.508786°
DWR ID	DWR_MA0009_01_s_2018_424				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor footpath on landside slope.					

No Photos

LM Start	<b>8.42</b>	Rating **	C	Issue No.	<b>567</b>
LM End	<b>8.42</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.473575°	38.473575°
				-121.507692°	-121.507692°
DWR ID	DWR_MA0009_01_s_2019_567				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	8.60	Rating **	A/W	Issue No.	290
LM End	8.60	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.471886 °	38.471886 °
				-121.504999 °	-121.504999 °
DWR ID	DWR_MA0009_01_f_2019_290				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					
Rodent hole within landside shoulder.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_290\_20190904\_00197.jpg



View of rodent hole on landside shoulder. Spring 2017.

LM Start	8.68	Rating **	A/W	Issue No.	269
LM End	8.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.471157°	38.471131°
				-121.503889°	-121.503884°
DWR ID	LMA-70				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:237					
Site Designation:LMA-70					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/7/2017					
Notes: landside levee slope damage from foot traffic; no cross section taken; photo only, at this location levee has over 138' crown width; crown width relates to the landside railroad trails.					

Photo 1 of 3 : LEVAL\_FA\_2019\_237\_523.jpg



\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	8.68	Rating **	A/W	Issue No.	269 (cont)
LM End	8.68	Issue Type +	Ma	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.471157°	38.471131°
				-121.503889°	-121.503884°
DWR ID	LMA-70				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:237					
Site Designation:LMA-70					
Repair Type: Erosion					
Rating: Area of Concern					
Field Date:6/7/2017					
Notes: landside levee slope damage from foot traffic; no cross section taken; photo only, at this location levee has over 138' crown width; crown width relates to the landside railroad trails.					

Photo 2 of 3 : LEVAL\_FA\_2019\_237\_526.jpg



View of slope damage from foot traffic.

LM Start	<b>8.68</b>	Rating **	A/W	Issue No.	<b>269 (cont)</b>
LM End	<b>8.68</b>	Issue Type +	Ma	Location *	

Photo 3 of 3 : LEVAL\_FA\_2019\_237\_538.jpg



\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

## Sacramento Maintenance Yard Maintenance Area 0009

No Photos

View of rodent holes on wide section of levee. Fall 2018

View of bike debris on the levee toe road. Fall 2019

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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	8.78	Rating **	M	Issue No.	247
LM End	8.78	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Repair Gates			38.469628 °	38.469628 °
				-121.503605 °	-121.503605 °
DWR ID	DWR_MA0009_01_f _ 2019_247				
Comment Code					
Inspector Comment					
Replace rusted lock on gate.					

No Photos

LM Start	8.79	Rating **	M	Issue No.	248
LM End	8.79	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.469418 °	38.469418 °
				-121.503565 °	-121.503565 °
DWR ID	DWR_MA0009_01_f_2019_248				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris on the levee crown and at waterside toe.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_248\_20191008\_00538.jpg



View of homeless debris on the landside slope. Fall 2019

LM Start	<b>8.79</b>	Rating **	M	Issue No.	<b>248 (cont)</b>
LM End	<b>8.79</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_248\_20191008\_00539.jpg



View of homeless debris at the waterside toe. Fall 2019

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	8.81	Rating **	U	Issue No.	377
LM End	8.81	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.469185 °	38.469185 °
				-121.503337 °	-121.503337 °
DWR ID	DWR_MA0009_01_f_2019_377				
Comment Code					
A1 : Exterminate rodents and backfill and compact or grout burrows.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_377\_20191010\_00550.jpg



View of several rodent holes with recent activity. Fall 2019

LM Start	<b>8.81</b>	Rating **	U	Issue No.	<b>377 (cont)</b>
LM End	<b>8.81</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_377\_20191010\_00551.jpg



View of several rodent holes with recent activity. Fall 2019

LM Start	8.85	Rating **	M	Issue No.	251
LM End	8.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.468672 °	38.468672 °
				-121.503528 °	-121.503528 °
DWR ID	DWR_MA0009_01_f_2019_251				
Comment Code					
EQ : Equipment					
Inspector Comment					
A camper has tents, stove, and other equipment on the waterside toe road.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.08	Rating **	M	Issue No.	346
LM End	9.08	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.465278 °	38.465278 °
				-121.503210 °	-121.503210 °
DWR ID	DWR_MA0009_01_f_2019_346				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					
Recommend placing a gate at this popular site.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_346\_20190904\_00248.jpg



View of slope damage caused by vehicle and foot traffic. Fall 2018

LM Start	<b>9.08</b>	Rating **	M	Issue No.	<b>346 (cont)</b>
LM End	<b>9.08</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_346\_20190904\_00249.jpg



View of the slope stability issue caused by foot traffic on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.11	Rating **	M	Issue No.	311
LM End	9.11	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.464859 °	38.464859 °
				-121.502952 °	-121.502952 °
DWR ID	DWR_MA0009_01_f_2018_311				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_311\_20190904\_00215.jpg



View of levee slope damaged by foot traffic and possibly by vehicles. Fall 2018

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.22	Rating **	A/W	Issue No.	253
LM End	9.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.463301 °	38.463301 °
				-121.502904 °	-121.502904 °
DWR ID	DWR_MA0009_01_f_2016_253				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_253\_20190904\_00179.jpg



View of a footpath on LS slope causing slope stability issue. Fall 2016.

LM Start	9.23	Rating **	M	Issue No.	168
LM End	9.23	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.463138 °	38.463138 °
				-121.502788 °	-121.502788 °
DWR ID	DWR_MA0009_01_s_2012_168				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_168\_20190904\_00094.jpg



View of the building at the toe of the landward side of the levee looking upstream. Fall 2015.

LM Start	9.25	Rating **	U	Issue No.	169
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462900 °	38.462900 °
				-121.502762 °	-121.502762 °
DWR ID	DWR_MA0009_01_s_2012_169				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_169\_20190904\_00095.jpg



View of the wooden fence and building on the landward side of the levee looking upstream. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.25	Rating **	U	Issue No.	169 (cont)	
LM End	9.25	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start	End	
Item	Encroachments			38.462900 °	38.462900 °	
				-121.502762 °	-121.502762 °	
DWR ID	DWR_MA0009_01_s_2012_169					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_169\_20190904\_00096.jpg



A solid wooden fence and building within the easement. Fall 2013

LM Start	9.25	Rating **	U	Issue No.	331
LM End	9.25	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462802 °	38.462802 °
				-121.502728 °	-121.502728 °
DWR ID	DWR_MA0009_01_f_2013_331				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_331\_20190904\_00231.jpg



View of the fence and landscape at the toe of the levee on the landward side. Fall 2015.

LM Start	9.26	Rating **	M	Issue No.	170
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_170				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_170\_20190904\_00097.jpg



Trees have grown and blocked the view of the building at the toe of the levee on the landward side. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.26	Rating **	M	Issue No.	170 (cont)	
LM End	9.26	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.462653 °		38.462653 °
				-121.502670 °		-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_170					
Comment Code						
BU : Building						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_170\_20190904\_00098.jpg



A building at the toe. Spring 2013

LM Start	9.26	Rating **	U	Issue No.	171
LM End	9.26	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462653 °	38.462653 °
				-121.502670 °	-121.502670 °
DWR ID	DWR_MA0009_01_s_2012_171				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_171\_20190904\_00099.jpg



View of the fence at the toe of the levee on the landward side. Fall 2015.

LM Start	<b>9.26</b>	Rating **	U	Issue No.	<b>171 (cont)</b>
LM End	<b>9.26</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_171\_20190904\_00100.jpg



A fence along the toe. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Sacramento Maintenance Yard Maintenance Area 0009

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.31	Rating **	M	Issue No.	174
LM End	9.31	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.462040 °	38.462040 °
				-121.502557 °	-121.502557 °
DWR ID	DWR_MA0009_01_s_2012_174				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_174\_20190904\_00104.jpg



A home is within the easement of the levee. Spring 2013

LM Start	9.36	Rating **	M	Issue No.	177
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.461343 °	38.461343 °
				-121.502345 °	-121.502345 °
DWR ID	DWR_MA0009_01_s_2012_177				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_177\_20190904\_00107.jpg

View of the trees on the landward side of the levee looking downstream.  
Fall 2015.

LM Start	9.36	Rating **	M	Issue No.	176
LM End	9.36	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.461338 °	38.461338 °
				-121.502352 °	-121.502352 °
DWR ID	DWR_MA0009_01_s_2012_176				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_176\_20190904\_00105.jpg

View of the storage shed at the toe of the levee on the landward side.  
Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.36	Rating **	M	Issue No.	176 (cont)	
LM End	9.36	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.461338 °	38.461338 °	
				-121.502352 °	-121.502352 °	
DWR ID	DWR_MA0009_01_s _ 2012_176					
Comment Code						
BU : Building						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_176\_20190904\_00106.jpg



The building is at the toe of the levee. Spring 2013

LM Start	9.38	Rating **	U	Issue No.	571
LM End	9.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.460938 °	38.460938 °
				-121.502292 °	-121.502292 °
DWR ID	DWR_MA0009_01_s _ 2019_571				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.39	Rating **	M	Issue No.	1795	
LM End	9.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.460920 °	38.460920 °	
				-121.502220 °	-121.502220 °	
DWR ID	18946					
Comment Code						
Inspector Comment						
DS_ID:18946						
FS_ID:5903						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipes should be removed or filled with grout.						
FIELD_STRUCT_DESC: 1 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends.						
FS Date: 6/21/2012 2:57:40 PM						

Photo 1 of 1 : UCIP\_FA\_2019\_5903\_8967.jpg



View of pipe from WS shoulder looking towards river.

LM Start	9.39	Rating **	M	Issue No.	1796	
LM End	9.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.460920 °	38.460920 °	
				-121.502220 °	-121.502220 °	
DWR ID	18947					
Comment Code						
Inspector Comment						
DS_ID:18947						
FS_ID:5904						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipe should be removed or grouted in place.						
FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends.						
FS Date: 6/21/2012						

Photo 1 of 2 : UCIP\_FA\_2019\_5904\_8969.jpg



Pipe on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.39	Rating **	M	Issue No.	1796 (cont)	
LM End	9.39	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.460920 °	38.460920 °	
				-121.502220 °	-121.502220 °	
DWR ID	18947					
Comment Code						
Inspector Comment						
DS_ID:18947						
FS_ID:5904						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Pipe should be removed or grouted in place.						
FIELD_STRUCT_DESC: 2 of 2: 2-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. Pipe open on both ends.						
FS Date: 6/21/2012						

Photo 2 of 2 : UCIP\_FA\_2019\_5904\_8968.jpg



Pipe buried 3-feet upstream from top of stairs on LS slope.

LM Start	9.40	Rating **	M	Issue No.	178
LM End	9.40	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460772 °	38.460772 °
				-121.502170 °	-121.502170 °
DWR ID	DWR_MA0009_01_s_2012_178				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_178\_20190904\_00108.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.40	Rating **	M	Issue No.	1797	
LM End	9.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.460670 °	38.460670 °	
				-121.502140 °	-121.502140 °	
DWR ID	18948					
Comment Code						
Inspector Comment						
DS_ID:18948						
FS_ID:5905						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock.						
FIELD_STRUCT_DESC: Christie box on the waterside (WS) shoulder.						
Possibly a utility crossing connecting to an electrical panel on the building at the landside (LS) toe. Pipe not visible.						
FS Date: 6/21/2012 3:04:17 PM						

Photo 1 of 3 : UCIP\_FA\_2019\_5905\_8972.jpg



Likely that the pipes at the boat walkway cross at the christie box.

LM Start	<b>9.40</b>	Rating **	M	Issue No.	<b>1797 (cont)</b>
LM End	<b>9.40</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5905\_8971.jpg



Likely that the pipes at the boat walkway cross at the christie box.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.40	Rating **	M	Issue No.	1797 (cont)	
LM End	9.40	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.460670 °	38.460670 °	
				-121.502140 °	-121.502140 °	
DWR ID	18948					
Comment Code						
Inspector Comment						
DS_ID:18948						
FS_ID:5905						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing. Likely that this is a service line that provides power for the boat dock.						
FIELD_STRUCT_DESC: Christie box on the waterside (WS) shoulder. Possibly a utility crossing connecting to an electrical panel on the building at the landside (LS) toe. Pipe not visible.						
FS Date: 6/21/2012 3:04:17 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5905\_8970.jpg



Likely that the pipes at the fuse box on the LS toe building cross at the christie box to serve boat dock.

LM Start	9.41	Rating **	U	Issue No.	179
LM End	9.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460573 °	38.460573 °
				-121.502127 °	-121.502127 °
DWR ID	DWR_MA0009_01_s_2012_179				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_179\_20190904\_00109.jpg



View of the fence on the landward side of the levee. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.41	Rating **	U	Issue No.	179 (cont)	
LM End	9.41	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.460573 °	38.460573 °	
				-121.502127 °	-121.502127 °	
DWR ID	DWR_MA0009_01_s_2012_179					
Comment Code						
FE : Fence						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_179\_20190904\_00110.jpg



The fence is at the toe of the levee. Spring 2013

LM Start	9.43	Rating **	M	Issue No.	256
LM End	9.46	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460252 °	38.459907 °
				-121.502028 °	-121.501960 °
DWR ID	DWR_MA0009_01_f_2019_256				
Comment Code					
FE : Fence					
Inspector Comment					
Wooden posts with cable run along the waterside shoulder and do not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_256\_20191008\_00540.jpg



View of wooden posts with cables that run along the waterside shoulder. Fall 2019

LM Start	9.44	Rating **	M	Issue No.	180
LM End	9.44	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.460210 °	38.460210 °
				-121.502030 °	-121.502030 °
DWR ID	DWR_MA0009_01_s_2012_180				
Comment Code					
BU : Building					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_180\_20190904\_00111.jpg



View of the building within the easement on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.48	Rating **	U	Issue No.	181
LM End	9.52	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.459665 °	38.458993 °
				-121.501847 °	-121.501642 °
DWR ID	DWR_MA0009_01_s_2012_181				
Comment Code					
FE : Fence					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_181\_20190904\_00112.jpg



View of the fence along the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	<b>9.48</b>	Rating **	U	Issue No.	<b>181 (cont)</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_181\_20190904\_00113.jpg



The fence continues along the toe. Spring 2013

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.52	Rating **	M	Issue No.	1798
LM End	9.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.459110 °	38.459110 °
				-121.501660 °	-121.501660 °
DWR ID	18952				
Comment Code					
Inspector Comment					
DS_ID:18952 FS_ID:5907 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) water line through the levee, 3 feet below the crown. Pump and tank system on the landside (LS) toe. FS Date: 6/21/2012 3:12:50 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5907\_8976.jpg



Pipe runs down LS slope to tank and pump at LS toe.

LM Start	<b>9.52</b>	Rating **	M	Issue No.	<b>1798 (cont)</b>
LM End	<b>9.52</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5907\_8975.jpg



Pipe runs downstream parallel to levee crown just under the surface towards marina.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.53	Rating **	M	Issue No.	182
LM End	9.53	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458878 °	38.458878 °
				-121.501605 °	-121.501605 °
DWR ID	DWR_MA0009_01_s_2012_182				
Comment Code					
BU : Building					
Inspector Comment					

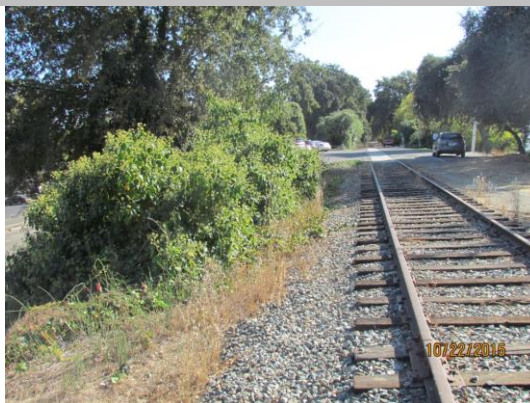
Photo 1 of 1 : FA\_2019\_MA0009\_201\_182\_20190904\_00114.jpg



View of the building at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	9.56	Rating **	M	Issue No.	183
LM End	9.58	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458450 °	38.458220 °
				-121.501498 °	-121.501397 °
DWR ID	DWR_MA0009_01_s_2012_183				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Clear bushes and tree growth over landside slope and shoulder.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_183\_20190904\_00115.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.58	Rating **	U	Issue No.	186
LM End	9.59	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242°	38.458018°
				-121.501340°	-121.501317°
DWR ID	DWR_MA0009_01_s_2012_186				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees and shrubs block visibility of levee slopes.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_186\_20190904\_00120.jpg



View of the trees and shrubs on the waterward side of the levee looking downstream. This is at the Freeport Marina. Fall 2015.

LM Start	9.58	Rating **	U	Issue No.	185
LM End	9.60	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.458242 °	38.457873 °
				-121.501340 °	-121.501290 °
DWR ID	DWR_MA0009_01_s_2012_185				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Shrubs need to be cleared.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_185\_20190904\_00118.jpg



View of shrubs on landside slope looking downstream. Fall 2018

LM Start	<b>9.58</b>	Rating **	U	Issue No.	<b>185 (cont)</b>
LM End	<b>9.60</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_185\_20190904\_00119.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Fall 2015.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.58	Rating **	M	Issue No.	1799	
LM End	9.58	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.458203 °		38.458203 °
				-121.501374 °		-121.501374 °
DWR ID	17397					
Comment Code						
Inspector Comment						
DS_ID:17397						
FS_ID:5104						
EP_NO: 5150						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: There is no permit in this area for a waterline that could be identified. due to the amount of utilities in this area it is unclear if any are authorized.						
FIELD_STRUCT_DESC: 1 of 2: 1-1/2-inch pipe through levee, 1.0 foot below crown to boating facilities (Permit No's. 1573, 5150, and 5407). Appears to be 1.5-inch PVC waterline at this location. Aluminum box and cover on WS shoulder with valve and distribution header for sprinklers.						
FS Date: 6/21/2012 11:17:48 AM						

Photo 1 of 2 : UCIP\_FA\_2019\_5104\_6813.jpg



Aluminum box and cover on ws shoulder with 1.5-inch waterline and valve.

LM Start	<b>9.58</b>	Rating **	M	Issue No.	<b>1799 (cont)</b>
LM End	<b>9.58</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5104\_6812.jpg



Access box on WS shoulder looking down ws slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.58	Rating **	M	Issue No.	1800
LM End	9.58	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.458150 °	38.458150 °
				-121.501360 °	-121.501360 °
DWR ID	17645				
Comment Code					
Inspector Comment					
DS_ID:17645 FS_ID:5105 EP_NO: 5150 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: Unable to determine location due to heavy vegetation on both LS and WS of levee. Due to the amount of utilities in this area it is unclear if any are authorized. FIELD_STRUCT_DESC: 2 of 2: 0.75-inch pipe of an unknown material or purpose through the levee, 1 foot below the crown. Pipe goes to boating facilities. (Permit Nos. 1573, 1951 - Cofer, 5150, 1966 - Freeport Marina, and 5407, 1966 - Stanley Rodrigues). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 11:51:26 AM					

No Photos

LM Start	9.59	Rating **	M	Issue No.	184
LM End	9.59	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.458078 °	38.458078 °
				-121.501367 °	-121.501367 °
DWR ID	DWR_MA0009_01_f _ 2017_184				
Comment Code					
BU : Building					
Inspector Comment					
Freeport bait shop.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_184\_20190904\_00116.jpg



The Freeport Bait shop is at the toe of the levee. Photo taken spring 2012.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.59	Rating **	M	Issue No.	184 (cont)	
LM End	9.59	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Encroachments			38.458078 °	38.458078 °	
				-121.501367 °	-121.501367 °	
DWR ID	DWR_MA0009_01_f_2017_184					
Comment Code						
BU : Building						
Inspector Comment						
Freeport bait shop.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_184\_20190904\_00117.jpg



View of the Freeport Bait shop at the toe of the levee on the landward side looking upstream. Fall 2015.

LM Start	9.59	Rating **	M	Issue No.	1801
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.458050 °	38.458050 °
				-121.501330 °	-121.501330 °
DWR ID	18949				
Comment Code					
Inspector Comment					
DS_ID:18949 FS_ID:5908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. FS Date: 6/21/2012 3:17:41 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_5908\_8979.jpg



Close up of pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.59	Rating **	M	Issue No.	1801 (cont)	
LM End	9.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.458050 °	38.458050 °	
				-121.501330 °	-121.501330 °	
DWR ID	18949					
Comment Code						
Inspector Comment						
DS_ID:18949 FS_ID:5908 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.5-inch galvanized steel pipe of an unknown purpose through the levee, 1.5 feet below the crown. FS Date: 6/21/2012 3:17:41 PM						

Photo 2 of 3 : UCIP\_FA\_2019\_5908\_8978.jpg



View of pipe on WS slope.

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1801 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5908\_8977.jpg



View of pipe location from levee crown looking towards WS slope.

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.59	Rating **	M	Issue No.	1802
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.458020 °	38.458020 °
				-121.501320 °	-121.501320 °
DWR ID	17398				
Comment Code					
Inspector Comment					
DS_ID:17398					
FS_ID:5106					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Not Found					
UCIP Comments: Due to the amount of small utilities in this area it is unclear if any are authorized.					
FIELD_STRUCT_DESC: 1 of 6: 1-inch conduit of an unknown material or purpose through the levee, 3 feet below the crown. [Additional Reference(s): DWR Levee Log, 1991].					
FS Date: 6/21/2012 11:59:21 AM					

No Photos

LM Start	9.59	Rating **	M	Issue No.	1803
LM End	9.59	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.458010 °	38.458010 °
				-121.501320 °	-121.501320 °
DWR ID	17646				
Comment Code					
Inspector Comment					
DS_ID:17646 FS_ID:5107 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_5107\_6816.jpg



Pipe on WS slope just upstream from stairs.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.59	Rating **	M	Issue No.	1803 (cont)	
LM End	9.59	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.458010 °	38.458010 °	
				-121.501320 °	-121.501320 °	
DWR ID	17646					
Comment Code						
Inspector Comment						
DS_ID:17646 FS_ID:5107 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 2 of 6: 2-inch drain pipe through levee, 3 feet below crown. Main valve in box on waterward slope. Found 1.5-inch steel pipe near this location just upstream of stairs on WS of levee 1.5 feet below crown. FS Date: 6/21/2012 12:59:07 PM						

Photo 2 of 3 : UCIP\_FA\_2019\_5107\_6815.jpg



Pipe on WS slope just upstream from stairs.

LM Start	<b>9.59</b>	Rating **	M	Issue No.	<b>1803 (cont)</b>
LM End	<b>9.59</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5107\_6814.jpg



Pipe on WS slope just upstream from stairs.

**\* Location**

LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.60	Rating **	M	Issue No.	1804	
LM End	9.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.457990 °	38.457990 °	
				-121.501310 °	-121.501310 °	
DWR ID	17647					
Comment Code						
Inspector Comment						
DS_ID:17647						
FS_ID:5108						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings.						
FIELD_STRUCT_DESC: 3 of 6: 1-inch pipe of an unknown material or purpose possibly through the levee, 0.5 feet below the crown. Pipe goes to marina in stream. Pipe visible at the back of the shed at the landside (LS) toe. Unclear if this pipe goes through the levee. [Additional Reference(s): DWR Levee Log, 1991].						
FS Date: 6/21/2012 1:03:36 PM						

Photo 1 of 1 : UCIP\_FA\_2019\_5108\_6817.jpg



Pipes appear to be exiting the back of the shed and going through the levee at the LS toe.

LM Start	9.60	Rating **	M	Issue No.	1805	
LM End	9.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.457980 °		38.457980 °
				-121.501310 °		-121.501310 °
DWR ID	17648					
Comment Code						
Inspector Comment						
DS_ID:17648						
FS_ID:5109						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Indicator Found						
UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings.						
FIELD_STRUCT_DESC: 4 of 6: 1-inch pipe of an unknown material or purpose through the levee, 0.5 feet below the crown. Pipe goes to marina in stream. Pipe appears to exit the back of the shed and enter the levee at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1991].						
FS Date: 6/21/2012 1:07:06 PM						

Photo 1 of 1 : UCIP\_FA\_2019\_5109\_6818.jpg



Pipes appear to exit the back of the shed and enter the levee.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>9.60</b>	Rating **	M	Issue No.	<b>1806</b>							
LM End	<b>9.60</b>	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DRAFT DWR UCIP Field Study		38.457960 °	38.457960 °								
			-121.501300 °	-121.501300 °								
DWR ID	17649											
Comment Code												
Inspector Comment												
DS_ID:17649 FS_ID:5110 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 5 of 6: 0.5-inch pipe of an unknown material or purpose through the levee, 0.5 feet below the crown. Pipe goes to marina in stream. Pipe appears to exit the back of the shed and enter the levee at the landside (LS) toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 1:08:56 PM												

Photo 1 of 1 : UCIP\_FA\_2019\_5110\_6819.jpg



Pipes appear to exit the back of the shed at the LS toe and enter the levee.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.61	Rating **	M	Issue No.	1807
LM End	9.61	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.457840 °	38.457840 °
				-121.501270 °	-121.501270 °

**Comment Code**

**Inspector Comment**

DS\_ID:18950  
FS\_ID:53470  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: 08/24/2018 Same as last inspection. Pipe open on both ends. Dense vegetation on the WS prevents access to WS outlet. Should contact owner to determine status. Crossing appears to be above freeboard. Recommend downgrading this crossing to "Non-Urgent" because no integrity issues were observed on the levee or the pipe. (A. McDonald - DWR UCIP)12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends.  
FS Date: 8/24/2018

LM Start	<b>9.61</b>	Rating **	M	Issue No.	<b>1807 (cont)</b>
LM End	<b>9.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53470\_20793.jpg



Pipe through freeport marina grass sign.

Photo 2 of 3 : UCIP\_FA\_2019\_53470\_20792.jpg



View of PVC pipe running through 2nd pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.61	Rating **	M	Issue No.	1807 (cont)	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.457840 °	38.457840 °	
				-121.501270 °	-121.501270 °	
DWR ID	18950					
Comment Code						
Inspector Comment						
DS_ID:18950 FS_ID:53470 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Same as last inspection. Pipe open on both ends. Dense vegetation on the WS prevents access to WS outlet. Should contact owner to determine status. Crossing appears to be above freeboard. Recommend downgrading this crossing to "Non-Urgent" because no integrity issues were observed on the levee or the pipe. (A. McDonald - DWR UCIP)12/01/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Open conduit through the levee. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 8/24/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53470\_20791.jpg



Both pipes on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.61	Rating **	M	Issue No.	1808	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.457840 °	38.457840 °	
				-121.501270 °	-121.501270 °	
DWR ID	18951					
Comment Code						
Inspector Comment						
DS_ID:18951 FS_ID:53471 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Same as last inspection. Pipe open on both ends. Dense vegetation on the WS prevents access to WS outlet. Should contact owner to determine status. Crossing appears to be above freeboard. Recommend downgrading this crossing to "Non-Urgent" because no integrity issues were observed on the levee or the pipe. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 8/24/2018						

LM Start	<b>9.61</b>	Rating **	M	Issue No.	<b>1808 (cont)</b>
LM End	<b>9.61</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53471\_20796.jpg



Both pipes through grass sign on LS slope.

Photo 2 of 3 : UCIP\_FA\_2019\_53471\_20795.jpg



PVC waterline running through pipe on LS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.61	Rating **	M	Issue No.	1808 (cont)	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.457840 °	38.457840 °	
				-121.501270 °	-121.501270 °	
DWR ID	18951					
Comment Code						
Inspector Comment						
DS_ID:18951 FS_ID:53471 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Same as last inspection. Pipe open on both ends. Dense vegetation on the WS prevents access to WS outlet. Should contact owner to determine status. Crossing appears to be above freeboard. Recommend downgrading this crossing to "Non-Urgent" because no integrity issues were observed on the levee or the pipe. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection conduit is open through the levee. Unable to locate WS daylight due to dense vegetation. Need to contact owner to determine status of crossing. If crossing is abandoned, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/21/2012 Pipe open on both ends. No permit identified for this crossing. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2 of 2: 5-inch galvanized steel water pipe through the levee, 3 feet below the crown. Pipe open on both ends. FS Date: 8/24/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53471\_20794.jpg



both pipes on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.61	Rating **	M	Issue No.	1809	
LM End	9.61	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.457723 °	38.457723 °	
				-121.501230 °	-121.501230 °	
DWR ID	17650					
Comment Code						
Inspector Comment						
DS_ID:17650 FS_ID:5112 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Due to the amount of utilities in this area it is unclear if any are authorized. This area needs to be cleared of vegetation and thoroughly searched for utility crossings. FIELD_STRUCT_DESC: 6 of 6: 0.5-inch galvanized steel water line riser with water spigot on the landside (LS) shoulder. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 6/21/2012 1:11:00 PM						

Photo 1 of 1 : UCIP\_FA\_2019\_5112\_6821.jpg



bent metal pipe at center leads to spigot at other end of Freeport Marina grass and gravel sign.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.67	Rating **	M	Issue No.	1810
LM End	9.67	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.456900 °	38.456900 °
				-121.500990 °	-121.500990 °
DWR ID	17399				
Comment Code					
Inspector Comment					
DS_ID:17399 FS_ID:53472 EP_NO: 1804 Repair Type: Non-Urgent Crossing Status: Not Found UCIP Comments: 08/24/2018 Same as last inspection. No markers were found. Pipeline is under the surface for the entire crossing. Crossing has been downgraded to "Non-Urgent" because there are no integrity issues with the levee or the pipeline. Supporting documentation that this pipe is in good working order would downgrade this crossing to "No Action Needed." (A. McDonald - DWR UCIP)12/02/2016 same as last inspection no markers were found at this location. Need to coordinate with owner to determine status of crossing. (O. Magana - DWR UCIP)06/22/2012 No evidence could be found of crossing. Gasline markers should be installed if pipe actually at this location. Pipe not found. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 1 of 2: 1.5-inch galvanized iron natural gas pipeline and a 1-inch electrical conduit and cable through the levee, at not more than 3 feet below the crown. Protected by metal fin cutoff wall. Pipe and cable to be under the surface for the entire crossing. Shutoff valves on both ends. (1.5-inch gas line authorized under Permit No. 1804, 1959 - Cofer). [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 8/24/2018					

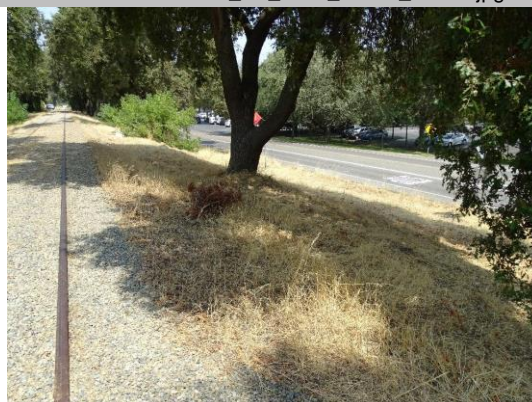
LM Start	<b>9.67</b>	Rating **	M	Issue No.	<b>1810 (cont)</b>
LM End	<b>9.67</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_53472\_77882.jpg



WS view.

Photo 2 of 2 : UCIP\_FA\_2019\_53472\_77883.jpg



LS view.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.80	Rating **	M	Issue No.	1811
LM End	9.80	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.455040 °	38.455040 °
				-121.500450 °	-121.500450 °
DWR ID	17439				
Comment Code					
Inspector Comment					
DS_ID:17439					
FS_ID:5117					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.					
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).					
FS Date: 6/22/2012 1:36:29 PM					

LM Start	<b>9.80</b>	Rating **	M	Issue No.	<b>1811 (cont)</b>
LM End	<b>9.80</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5117\_6830.jpg



Walkway in total disrepair at pump on WS.

Photo 2 of 3 : UCIP\_FA\_2019\_5117\_6829.jpg



Pump next to meter on pole, WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.80	Rating **	M	Issue No.	1811 (cont)	
LM End	9.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.455040 °	38.455040 °	
				-121.500450 °	-121.500450 °	
DWR ID	17439					
Comment Code						
Inspector Comment						
DS_ID:17439						
FS_ID:5117						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Walkway unsafe and could pose attractive nuisance to minors. Walkway should be repaired or removed.						
FIELD_STRUCT_DESC: 14-inch pipe through levee, 7.2 feet below crown. Pump on pile structure in stream. Overhead power line crosses levee to pole and meter next to pump. Ramp on landward slope. Permit No. 1449, 1949. Included in O+M manual (1955).						
FS Date: 6/22/2012 1:36:29 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5117\_6828.jpg



Pump and pipe on WS of levee.

LM Start	9.81	Rating **	A/W	Issue No.	272
LM End	9.81	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.454888 °	38.454888 °
				-121.500400 °	-121.500400 °
DWR ID	DWR_MA0009_01_f_2019_272				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.85	Rating **	M	Issue No.	1812
LM End	9.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.454360 °	38.454360 °
				-121.500300 °	-121.500300 °
DWR ID	18953				
Comment Code					
Inspector Comment					
DS_ID:18953					
FS_ID:5920					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose found on the waterside (WS) toe. Unclear if pipe penetrates the levee.					
FS Date: 6/22/2012 3:33:20 PM					

LM Start	<b>9.85</b>	Rating **	M	Issue No.	<b>1812 (cont)</b>
LM End	<b>9.85</b>	Issue Type +	En	Location *	

Photo 1 of 2 : UCIP\_FA\_2019\_5920\_9002.jpg



Pipe alignment from waters edge to upstream corner of building on WS shoulder of levee.

Photo 2 of 2 : UCIP\_FA\_2019\_5920\_9001.jpg



Pipe on WS toe at river.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.86	Rating **	M	Issue No.	1813	
LM End	9.86	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.454220 °		38.454220 °
				-121.500280 °		-121.500280 °
DWR ID	18954					
Comment Code						
Inspector Comment						
DS_ID:18954 FS_ID:5921 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: Trench work through the levee. Evidence of unidentified utility crossing. FS Date: 6/22/2012 3:38:59 PM						

Photo 1 of 2 : UCIP\_FA\_2019\_5921\_9004.jpg



Trench work down WS slope.

LM Start	<b>9.86</b>	Rating **	M	Issue No.	<b>1813 (cont)</b>
LM End	<b>9.86</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5921\_9003.jpg



Trench work from under RR tracks accross crown down WS slope.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement





**Flood Control Project Maintenance  
Levee Inspections**

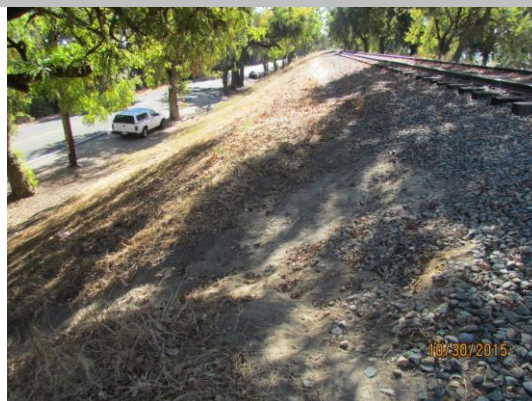
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	9.94	Rating **	A/W	Issue No.	361 (cont)	
LM End	9.94	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Slope Stability			38.453095 °		38.453095 °
				-121.500147 °		-121.500147 °
DWR ID	DWR_MA0009_01_f_2015_361					
Comment Code						
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_361\_20190904\_00256.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	9.96	Rating **	A/W	Issue No.	362
LM End	9.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.452728 °	38.452728 °
				-121.500100 °	-121.500100 °
DWR ID	DWR_MA0009_01_f_2015_362				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_362\_20190904\_00257.jpg



Updated view of a footpath on LS slope of the levee. Fall 2016.

LM Start	<b>9.96</b>	Rating **	A/W	Issue No.	<b>362 (cont)</b>
LM End	<b>9.96</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_362\_20190904\_00258.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 1 : FA\_2019\_MA0009\_201\_365\_20190904\_00259.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

No Photos

Photo 1 of 1 : FA\_2019\_MA0009\_201\_366\_20190904\_00260.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable	A : Acceptable                      N : Not Inspected/Rated	Ma : Maintenance Deficiency
WS : Water Side	M : Minimally Acceptable            C : Corrected	Ob : Design & System Obsolescence
CR : Crown	U : Unacceptable                      A/W : Acceptable but Monitor & Maintain	En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.12	Rating **	A/W	Issue No.	381
LM End	10.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450427 °	38.450427 °
				-121.500032 °	-121.500032 °
DWR ID	DWR_MA0009_01_s_2016_381				
Comment Code					
S3 : Repair the levee slope damaged by vehicle traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_381\_20191010\_00542.jpg



View of footpath damage on landside slope that was mitigated with gravel. Fall 2019

LM Start	10.13	Rating **	M	Issue No.	354
LM End	10.13	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.450286 °	38.450286 °
				-121.499865 °	-121.499865 °
DWR ID	DWR_MA0009_01_f_2018_354				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.15	Rating **	M	Issue No.	368
LM End	10.15	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.449967 °	38.449967 °
				-121.500053 °	-121.500053 °
DWR ID	DWR_MA0009_01_f_2015_368				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_368\_20190904\_00263.jpg



View of the slope stability on the landward side of the levee looking downstream. Fall 2015.

LM Start	10.18	Rating **	A/W	Issue No.	276
LM End	10.18	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.449617 °	38.449617 °
				-121.500117 °	-121.500117 °
DWR ID	DWR_MA0009_01_f_2019_276				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
Monitor animal activity.					

No Photos

LM Start	10.54	Rating **	M	Issue No.	309
LM End	10.54	Issue Type +	Ob	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Cracking			38.444353°	38.444353°
				-121.500472°	-121.500472°
DWR ID	DWR_MA0009_01_s_2015_309				
Comment Code					
CR1 : Monitor and have inspected by geotechnical engineer.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_309\_20190904\_00213.jpg



View of the crack on the water ward side of the levee looking downstream. Spring 2015.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.56	Rating **	M	Issue No.	1814	
LM End	10.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.444136 °	38.444136 °	
				-121.500414 °	-121.500414 °	
DWR ID	18957					
Comment Code						
Inspector Comment						
DS_ID:18957 FS_ID:9443 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 3.5 feet below the crown. Pump on elevated pier with elevated walkway on the waterside (WS) shoulder. 48-inch concrete distribution box on the landside (LS) toe. (Permit No. 1629, 1952 - C. A. Beach). FS Date: 6/22/2012 3:46:00 PM						

Photo 1 of 3 : UCIP\_FA\_2019\_9443\_16422.jpg



Pump on elevated pier on WS.

LM Start	<b>10.56</b>	Rating **	M	Issue No.	<b>1814 (cont)</b>
LM End	<b>10.56</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_9443\_16423.jpg



Concrete Standpipe on LS in homeowners yard.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.56	Rating **	M	Issue No.	1814 (cont)	
LM End	10.56	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.444136 °	38.444136 °	
				-121.500414 °	-121.500414 °	
DWR ID	18957					
Comment Code						
Inspector Comment						
DS_ID:18957 FS_ID:9443 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 14-inch steel irrigation pipe through the levee, 3.5 feet below the crown. Pump on elevated pier with elevated walkway on the waterside (WS) shoulder. 48-inch concrete distribution box on the landside (LS) toe. (Permit No. 1629, 1952 - C. A. Beach). FS Date: 6/22/2012 3:46:00 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_9443\_16424.jpg



Pipe, Fire Connection, and Fenced in Walway on WS shoulder.

LM Start	10.58	Rating **	M	Issue No.	310
LM End	10.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.443880 °	38.443880 °
				-121.500545 °	-121.500545 °
DWR ID	DWR_MA0009_01_s_2015_310				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_310\_20190904\_00214.jpg



View of dense trees along waterside slope. Fall 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>10.60</b>	Rating **	M	Issue No.	<b>279</b>
LM End	<b>10.60</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.443507°	38.443507°	
			-121.500678°	-121.500678°	
DWR ID	DWR_MA0009_01_f_2019_279				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove cactus from waterside slope.					

No Photos

LM Start	<b>10.70</b>	Rating **	M	Issue No.	<b>283</b>
LM End	<b>10.70</b>	Issue Type +	Ma	Location *	CR
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.442168°	38.442168°	
			-121.501203°	-121.501203°	
DWR ID	DWR_MA0009_01_f_2019_283				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove fan palm trees at levee shoulder.					

No Photos

LM Start	<b>10.70</b>	Rating **	M	Issue No.	<b>574</b>
LM End	<b>10.72</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.442148°	38.441858°	
			-121.501230°	-121.501355°	
DWR ID	DWR_MA0009_01_s_2019_574				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>10.70</b>	Rating **	M	Issue No.	<b>648</b>
LM End	<b>10.74</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.442100°	38.441627°	
			-121.501215°	-121.501433°	
DWR ID	DWR_MA0009_01_s_2019_648				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	<b>10.72</b>	Rating **	M	Issue No.	<b>356</b>
LM End	<b>10.72</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.441917°	38.441917°	
			-121.501322°	-121.501322°	
DWR ID	DWR_MA0009_01_f_2018_356				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>10.74</b>	Rating **	M	Issue No.	<b>220</b>
LM End	<b>10.77</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.441645°	38.441133°	
			-121.501405°	-121.501632°	
DWR ID	DWR_MA0009_01_s_2012_220				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_220\_20190904\_00140.jpg



The overgrown landscape blocks visibility. Fall 2013

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.74	Rating **	M	Issue No.	220 (cont)	
LM End	10.77	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.441645 °		38.441133 °
				-121.501405 °		-121.501632 °
DWR ID	DWR_MA0009_01_s_2012_220					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_220\_20190904\_00141.jpg



A view of the driveway and landscape. Photo taken spring 2012.

LM Start	10.79	Rating **	M	Issue No.	575
LM End	10.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.440998 °	38.440998 °
				-121.501802 °	-121.501802 °
DWR ID	DWR_MA0009_01_s_2019_575				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	10.80	Rating **	M	Issue No.	219
LM End	10.82	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.440778 °	38.440577 °
				-121.501957 °	-121.502058 °
DWR ID	DWR_MA0009_01_s_2012_219				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_219\_20190904\_00139.jpg



A view of the horse corral and some landscape. Photo taken spring 2012.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>10.81</b>	Rating **	M	Issue No.	<b>371</b>
LM End	<b>10.83</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.440737 °	38.440405 °	
			-121.501957 °	-121.502200 °	
DWR ID	DWR_MA0009_01_f_2019_371				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>357</b>
LM End	<b>10.88</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.439881 °	38.439881 °	
			-121.502720 °	-121.502720 °	
DWR ID	DWR_MA0009_01_f_2018_357				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>10.88</b>	Rating **	M	Issue No.	<b>646</b>
LM End	<b>10.91</b>	Issue Type +	En	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.439813 °	38.439530 °	
			-121.502767 °	-121.502998 °	
DWR ID	DWR_MA0009_01_s_2019_646				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	10.95	Rating **	M	Issue No.	161
LM End	10.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.439031 °	38.439031 °
				-121.503463 °	-121.503463 °
DWR ID	DWR_MA0009_01_f _ 2012_161				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_161\_20190904\_00089.jpg



Landscape planted at toe of levee. Fall 2012

LM Start	10.96	Rating **	M	Issue No.	160
LM End	10.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438883 °	38.438883 °
				-121.503654 °	-121.503654 °
DWR ID	DWR_MA0009_01_f_2012_160				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_160\_20190904\_00088.jpg



Groundcover and shrubs on the slope and toe of levee. Fall 2012

LM Start	11.02	Rating **	N	Issue No.	306
LM End	11.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.438314 °	38.438314 °
				-121.504306 °	-121.504306 °
DWR ID	DWR_MA0009_01_s_2017_306				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_306\_20190904\_00212.jpg



View of stump on waterside levee slope. Spring 2017.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.03	Rating **	M	Issue No.	154
LM End	11.05	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.438178 °	38.437998 °
				-121.504409 °	-121.504767 °
DWR ID	DWR_MA0009_01_f_2012_154				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_154\_20190904\_00082.jpg



Agave and shrubs planted on levee slope. Fall 2012

LM Start	11.12	Rating **	M	Issue No.	359
LM End	11.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.437351 °	38.437351 °
				-121.505704 °	-121.505704 °
DWR ID	DWR_MA0009_01_f _ 2018_359				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.13	Rating **	M	Issue No.	350
LM End	11.13	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.437265 °	38.437265 °
				-121.505795 °	-121.505795 °
DWR ID	DWR_MA0009_01_f_2019_350				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

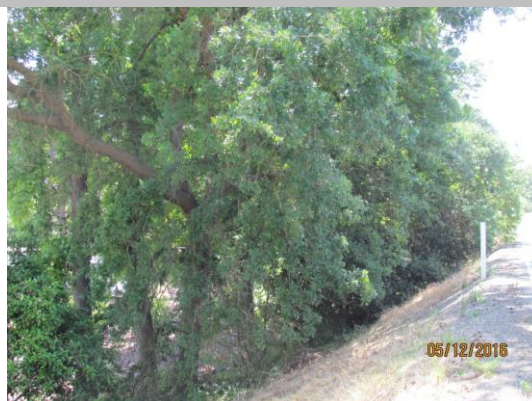
Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.18	Rating **	M	Issue No.	578
LM End	11.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.436775 °	38.436510 °
				-121.506658 °	-121.507122 °
DWR ID	DWR_MA0009_01_s_2019_578				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.19	Rating **	M	Issue No.	72
LM End	11.19	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.436735 °	38.436735 °
				-121.506647 °	-121.506647 °
DWR ID	DWR_MA0009_01_f_2012_72				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_72\_20190904\_00029.jpg



View of the landscape on the landward side of the levee looking downstream. Spring 2016.

LM Start	11.21	Rating **	M	Issue No.	645	
LM End	11.21	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.436512 °		38.436512 °
				-121.506955 °		-121.506955 °
DWR ID	DWR_MA0009_01_s_2019_645					
Comment Code						
V6 : Landscaping						
Inspector Comment						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.23	Rating **	M	Issue No.	1815
LM End	11.23	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.436370 °	38.436370 °
				-121.507300 °	-121.507300 °
DWR ID	17457				
Comment Code					
Inspector Comment					
DS_ID:17457					
FS_ID:5129					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Determine if this pipe is grouted in place.					
FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder.					
FS Date: 6/22/2012 2:48:01 PM					

LM Start	<b>11.23</b>	Rating **	M	Issue No.	<b>1815 (cont)</b>
LM End	<b>11.23</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5129\_6861.jpg



14-inch steel pipe on LS slope with 36-inch concrete standpipe in trees at toe.

Photo 2 of 3 : UCIP\_FA\_2019\_5129\_6860.jpg



Grouting attachment at LS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.23	Rating **	M	Issue No.	1815 (cont)	
LM End	11.23	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.436370 °	38.436370 °	
				-121.507300 °	-121.507300 °	
DWR ID	17457					
Comment Code						
Inspector Comment						
DS_ID:17457 FS_ID:5129 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Determine if this pipe is grouted in place. FIELD_STRUCT_DESC: *ABANDONED* 14-inch pipe through levee, 5.0 feet below-crown. Pump and butterfly valve in pump house on waterward slope. 1.5-inch galvanized steel pipe 5-feet below crown provides electricity. 36-inch Concrete standpipe on LS toe. Permit No. 1215, 1947. included in O+M manual (1955). May have been grouted in place as there are grouting standpipes on both the LS and WS shoulder. FS Date: 6/22/2012 2:48:01 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5129\_6859.jpg



pipe and pumphouse on WS slope

LM Start	11.29	Rating **	M	Issue No.	363
LM End	11.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435979 °	38.435979 °
				-121.508223 °	-121.508223 °
DWR ID	DWR_MA0009_01_f_2018_363				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.33	Rating **	M	Issue No.	212
LM End	11.33	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435647 °	38.435647 °
				-121.508891 °	-121.508891 °
DWR ID	DWR_MA0009_01_s_2012_212				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_212\_20190904\_00136.jpg



Vegetation on the levee slope partially blocks visibility. Fall 2013

LM Start	<b>11.33</b>	Rating **	M	Issue No.	<b>212 (cont)</b>
LM End	<b>11.33</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_212\_20190904\_00137.jpg



The landscaping is planted on the levee slope and shoulder. Fall 2011

LM Start	11.34	Rating **	M	Issue No.	364
LM End	11.39	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.435592 °	38.435257 °
				-121.509069 °	-121.509887 °
DWR ID	DWR_MA0009_01_f_2018_364				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.37	Rating **	M	Issue No.	211
LM End	11.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435385 °	38.435385 °
				-121.509577 °	-121.509577 °
DWR ID	DWR_MA0009_01_s_2012_211				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_211\_20190904\_00135.jpg



View of the landscaping on the landward side of the levee looking downstream. Spring 2016.

LM Start	11.38	Rating **	M	Issue No.	71
LM End	11.38	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.435313 °	38.435313 °
				-121.509660 °	-121.509660 °
DWR ID	DWR_MA0009_01_f_2012_71				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	11.48	Rating **	M	Issue No.	644
LM End	11.48	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.434705 °	38.434705 °
				-121.511352 °	-121.511352 °
DWR ID	DWR_MA0009_01_s_2019_644				
Comment Code					
V6 : Landscaping					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.50	Rating **	M	Issue No.	372
LM End	11.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434685 °	38.434587 °
				-121.511773 °	-121.512237 °
DWR ID	DWR_MA0009_01_f_2018_372				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.54	Rating **	M	Issue No.	210
LM End	11.55	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.434465 °	38.434413 °
				-121.512453 °	-121.512623 °
DWR ID	DWR_MA0009_01_s_2012_210				
Comment Code					
BU : Building					
Inspector Comment					
Building with some landscaping in front of it.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_210\_20190904\_00134.jpg



View of the building on the landward side of the levee. The building is behind the shrubs and at the toe of the levee. Spring 2016.

LM Start	11.57	Rating **	M	Issue No.	642
LM End	11.57	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434305 °	38.434305 °
				-121.512995 °	-121.512995 °
DWR ID	DWR_MA0009_01_s_2019_642				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.62	Rating **	A/W	Issue No.	262
LM End	11.62	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.434149 °	38.434149 °
				-121.513969 °	-121.513969 °
DWR ID	DWR_MA0009_01_s_2018_262				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Monitor minor erosion due to runoff on the waterside slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_262\_20190904\_00182.jpg



View of erosion on the waterside slope. Spring 2018.

LM Start	11.66	Rating **	M	Issue No.	1816
LM End	11.66	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.434075 °	38.434075 °
				-121.514687 °	-121.514687 °
DWR ID	17461				
Comment Code					
Inspector Comment					
DS_ID:17461 FS_ID:5133 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush. FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:08:19 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_5133\_6876.jpg



Pumphouse on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.66	Rating **	M	Issue No.	1816 (cont)	
LM End	11.66	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.434075 °	38.434075 °	
				-121.514687 °	-121.514687 °	
DWR ID	17461					
Comment Code						
Inspector Comment						
DS_ID:17461 FS_ID:5133 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: excessive brush on WS slope prevents access to gate valve on WS slope. Remove brush. FIELD_STRUCT_DESC: 6-inch pipe through levee, 16.5 feet below crown. Pump in pump house at toe of landward slope. Could not locate the gate valve on waterward slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:08:19 PM						

LM Start	<b>11.66</b>	Rating **	M	Issue No.	<b>1816 (cont)</b>
LM End	<b>11.66</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5133\_6875.jpg



Pump in pumphouse on LS toe.

Photo 3 of 3 : UCIP\_FA\_2019\_5133\_6874.jpg



Brush covered pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.67	Rating **	M	Issue No.	286
LM End	11.68	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434038°	38.433997°
				-121.514793°	-121.515062°
DWR ID	DWR_MA0009_01_f_2019_286				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.72	Rating **	M	Issue No.	378
LM End	11.78	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.433947 °	38.433972 °
				-121.515765 °	-121.516864 °
DWR ID	DWR_MA0009_01_f _ 2018_378				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.77	Rating **	A/W	Issue No.	374
LM End	11.77	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.433958 °	38.433958 °
				-121.516706 °	-121.516706 °
DWR ID	DWR_MA0009_01_s_2017_374				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Monitor runoff erosion on landside levee slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_374\_20190904\_00265.jpg



View of erosion on landside levee slope. Spring 2017.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.78	Rating **	M	Issue No.	1817
LM End	11.78	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.433998 °	38.433998 °
				-121.516790 °	-121.516790 °
DWR ID	17673				
Comment Code					
Inspector Comment					
DS_ID:17673					
FS_ID:5139					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: valve on WS slope does not close.					
FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side.					
Gate valve on WS slope. Originally included in O+M manual (1955).					
FS Date: 6/22/2012 3:31:00 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_5139\_6899.jpg



Broken or rusted valve on WS slope.

LM Start	<b>11.78</b>	Rating **	M	Issue No.	<b>1817 (cont)</b>
LM End	<b>11.78</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5139\_6898.jpg



Pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.78	Rating **	M	Issue No.	1817 (cont)	
LM End	11.78	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.433998 °	38.433998 °	
				-121.516790 °	-121.516790 °	
DWR ID	17673					
Comment Code						
Inspector Comment						
DS_ID:17673 FS_ID:5139 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: valve on WS slope does not close. FIELD_STRUCT_DESC: 2 of 2: 6-inch pipes through levee, 15.6 feet below crown. Pump and gate valve in pump house on landward side. Gate valve on WS slope. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:31:00 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5139\_6897.jpg



Pumphouse on LS toe with JP and meter.

LM Start	11.83	Rating **	M	Issue No.	583
LM End	11.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434018 °	38.434018 °
				-121.517753 °	-121.517753 °
DWR ID	DWR_MA0009_01_s_2019_583				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>11.87</b>	Rating **	A/W	Issue No.	<b>287</b>
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.433998 °	°
				-121.518403 °	°
DWR ID	106-129				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:61 Site Designation:106-129 Repair Type: Seepage Rating: Field Date: Notes:					

No Photos

LM Start	<b>11.94</b>	Rating **	M	Issue No.	<b>295</b>
LM End	<b>11.96</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434042 °	38.434043 °
				-121.519688 °	-121.520058 °
DWR ID	DWR_MA0009_01_f_2019_295				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	11.94	Rating **	C	Issue No.	584
LM End	11.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434020°	38.434018°
				-121.519773°	-121.520097°
DWR ID	DWR_MA0009_01_s_2019_584				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	11.96	Rating **	C	Issue No.	443
LM End	11.96	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.433955 °	38.433955 °
				-121.520044 °	-121.520044 °
DWR ID	DWR_MA0009_01_f_2017_443				
Comment Code					
PR : Prunings					
Inspector Comment					
Pruning pile at landside toe was cleared, but a stump still remains.					

No Photos

LM Start	12.07	Rating **	M	Issue No.	585
LM End	12.10	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434065 °	38.434102 °
				-121.522162 °	-121.522682 °
DWR ID	DWR_MA0009_01_s_2019_585				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.12	Rating **	M	Issue No.	640
LM End	12.12	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.434028 °	38.434028 °
				-121.523025 °	-121.523025 °
DWR ID	DWR_MA0009_01_s_2019_640				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove large fallen tree from levee slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_640\_20190904\_00299.jpg



View of large fallen tree at levee toe. Spring 2019

LM Start	12.20	Rating **	M	Issue No.	586
LM End	12.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.434138 °	38.434138 °
				-121.524543 °	-121.524543 °
DWR ID	DWR_MA0009_01_s_2019_586				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable  
M : Minimally Acceptable  
U : Unacceptable  
N : Not Inspected/Rated  
C : Corrected  
A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.29	Rating **	M	Issue No.	1818
LM End	12.29	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.433945°	38.433945°
				-121.526154°	-121.526154°
DWR ID	17581				
Comment Code					
Inspector Comment					
DS_ID:17581 FS_ID:41065 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: T post on WS slope and 2-inch galvanized steel pipe on LS toe may indicate ends of abandoned pipe. FIELD_STRUCT_DESC: 6-inch pipe through the levee. Pump on River side with gates on river side of levee have been removed. Originally included in O+M manual (1955). FS Date: 6/22/2012 3:50:00 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_41065\_6903.jpg



Tpost on WS slope.

LM Start	12.29	Rating **	M	Issue No.	1818 (cont)
LM End	12.29	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_41065\_6902.jpg



2-inch pipe on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.30	Rating **	A/W	Issue No.	307
LM End	12.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.433977 °	38.433977 °
				-121.526297 °	-121.526297 °
DWR ID	DWR_MA0009_01_s_2017_307				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Monitor slight runoff erosion on waterside slope.					

No Photos

LM Start	12.32	Rating **	M	Issue No.	349
LM End	12.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.433812 °	38.433675 °
				-121.526727 °	-121.527593 °
DWR ID	DWR_MA0009_01_f _ 2019_349				
Comment Code					
PO : Pole					
Inspector Comment					
Landowner installed four light poles and planted seven trees at the levee toe. FIR 7001 was submitted to the Board.					

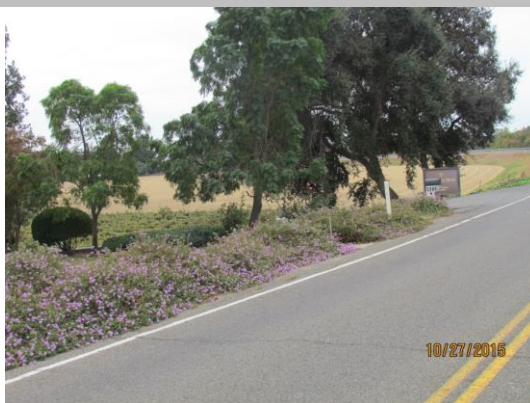
Photo 1 of 1 : FA\_2019\_MA0009\_201\_349\_20191010\_00549.jpg



View of unauthorized light posts and trees at the landside toe. Fall 2019

LM Start	12.40	Rating **	M	Issue No.	225
LM End	12.41	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.433536 °	38.433505 °
				-121.528237 °	-121.528418 °
DWR ID	DWR_MA0009_01_s_2012_225				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy groundcover is not permitted.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_225\_20190904\_00142.jpg



View of the groundcover on the landward side of the levee looking downstream. Fall 2015.

**\* Location**

LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**

A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**

Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>12.48</b>	Rating **	A/W	Issue No.	<b>288</b>
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.433115 °	°
				-121.529491 °	°
DWR ID	106-247				
Comment Code					
Inspector Comment					
Levee Evaluation Comments Description: Site ID No:58 Site Designation:106-247 Repair Type: Seepage Rating: Field Date: Notes:					

No Photos

LM Start	<b>12.61</b>	Rating **	A/W	Issue No.	<b>431</b>
LM End	<b>12.61</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.431911 °	38.431911 °
				-121.531354 °	-121.531354 °
DWR ID	DWR_MA0009_01_f_2017_431				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.71	Rating **	M	Issue No.	1819	
LM End	12.71	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.430460 °		38.430460 °
				-121.531480 °		-121.531480 °
DWR ID	17453					
Comment Code						
Inspector Comment						
DS_ID:17453 FS_ID:5162 EP_NO: 8662 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Further investigation is necessary to determine proper abandonment of this crossing. It is likely the 6-inch pipe on the WS is sleeved through an 8-inch steel pipe, but only the 6-inch is visible on the WS (see photo) FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 9.0 feet below crown on LS. 6-inch steel pipe through WS slope 3.5 feet below the crown; grouted in place on WS. 1.5-inch steel conduit 3.5 feet below the crown next to 6-inch on WS slope. Power and service pole on landward slope. FS Date: 6/22/2012 8:51:49 AM						

Photo 1 of 1 : UCIP\_FA\_2019\_5162\_6965.jpg



6-inch steel pipe grouted in place 3.5-feet below the crown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

DS\_ID:16765  
 FS\_ID:53473  
 EP\_NO: 8662  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: 08/24/2018 Crossing appears to be the same as the previous inspection. Crossing remains "Urgent" due to an unknown pipe condition through the levee. (A. McDonald - DWR UCIP)12/02/2016 Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee. Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].  
 FS Date: 8/24/2018

Pumphouse on LS toe with meter on pole and 3X5 concrete distribution box.

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °
DWR ID	17675				

**Comment Code**

**Inspector Comment**

DS\_ID:17675

FS\_ID:53473

EP\_NO: 8662

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Crossing appears to be the same as the previous inspection. Crossing remains "Urgent" due to an unknown pipe condition through the levee. (A. McDonald - DWR UCIP)12/02/2016

Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee.

Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].

FS Date: 8/24/2018

Photo 2 of 3 : UCIP\_FA\_2019\_53473\_20788.jpg



Remote hand crank for gate valve at WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.72	Rating **	U	Issue No.	1820 (cont)
LM End	12.72	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.430460 °	38.430460 °
				-121.531480 °	-121.531480 °

**Comment Code**

**Inspector Comment**

DS\_ID:17675

FS\_ID:53473

EP\_NO: 8662

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Crossing appears to be the same as the previous inspection. Crossing remains "Urgent" due to an unknown pipe condition through the levee. (A. McDonald - DWR UCIP)12/02/2016

Crossing is not abandoned both LS and WS have been modified since 2012. Need to contact owner to determine status of crossing. On the WS, a new pipe section was added or an existing pipe section has been repaired and painted. The LS pipe section, from pump house to distribution box, appears to have been updated since 2012. If crossing is active owner will need to coordinate with CVFPB to comply with Title 23. Unable to confirm if owner coordinated with CVFPB prior to the pipe modifications. Crossing remains Urgent due to the unknown condition of the pipe section through the levee, in 2012 during the last UCIP inspection the WS pipe showed holes through the pipe and required further evaluation to determine the condition of pipe through levee.

Unable to confirm if owner replaced pipe through levee. (O. Magana - DWR UCIP)06/22/2012 Gate valve does not work and inspection does not show pipe as having been grouted in place. Further evaluation is necessary as there are corroded holes in pipe on WS of gate valve. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 8-inch steel irrigation pipe (USACE O&M manual references a 6-inch pipe) through levee, 21.7 feet below crown. Concrete plug on the landside (LS) end. Gate valve is located on waterside (WS) with remote hand-crank. Pump house is located on the LS. In 1972, the USACE with the collaboration of the Reclamation Board (now known as the CVFPB), rebuilt a section of the left and right bank levee on the Sacramento River between Sacramento and Rio Vista. Work was performed under the authority of the Sacramento River Levees Project. (8-inch line authorized under Automatic Board Order (ABO) issued as Permit No. 8662, 1972- Scribner) [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 43.09)].

FS Date: 8/24/2018

Photo 3 of 3 : UCIP\_FA\_2019\_53473\_20787.jpg



Gate valve at WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.72	Rating **	M	Issue No.	589
LM End	12.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.430388 °	38.429942 °
				-121.531508 °	-121.531380 °
DWR ID	DWR_MA0009_01_s_2019_589				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Arundo from levee slope.					

No Photos

LM Start	12.73	Rating **	M	Issue No.	207
LM End	12.77	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.430210 °	38.429643 °
				-121.531402 °	-121.531213 °
DWR ID	DWR_MA0009_01_s_2012_207				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Remove century plants and ivy groundcover.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_207\_20190904\_00133.jpg



View of the landscaping on the landward side of the levee looking downstream. Fall 2015.

LM Start	12.83	Rating **	A/W	Issue No.	254
LM End	12.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.428881 °	38.428881 °
				-121.530829 °	-121.530829 °
DWR ID	DWR_MA0009_01_f_2016_254				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_254\_20190904\_00180.jpg



Path made due to foot traffic. May cause slope stability issues. Stepping stones put in the ground. Fall 2016.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	12.85	Rating **	M	Issue No.	379
LM End	12.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.428578 °	38.428578 °
				-121.530670 °	-121.530670 °
DWR ID	DWR_MA0009_01_f_2018_379				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_379\_20190904\_00268.jpg



View of dense trees and brush that partially obstruct view of levee slope. Fall 2018

LM Start	12.97	Rating **	M	Issue No.	410
LM End	12.97	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.427039 °	38.427039 °
				-121.529722 °	-121.529722 °
DWR ID	DWR_MA0009_01_f_2018_410				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.11	Rating **	M	Issue No.	419
LM End	13.11	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.425246 °	38.425246 °
				-121.528289 °	-121.528289 °
DWR ID	DWR_MA0009_01_f_2018_419				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.27	Rating **	M	Issue No.	591
LM End	13.27	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.423342 °	38.423342 °
				-121.526678 °	-121.526678 °
DWR ID	DWR_MA0009_01_s_2019_591				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.31	Rating **	M	Issue No.	420
LM End	13.31	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.422883 °	38.422883 °
				-121.526293 °	-121.526293 °
DWR ID	DWR_MA0009_01_f_2018_420				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_420\_20190904\_00282.jpg



View of tree limbs hanging over guard rail. Fall 2018

LM Start	13.35	Rating **	M	Issue No.	296
LM End	13.35	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.422377 °	38.422377 °
				-121.525820 °	-121.525820 °
DWR ID	DWR_MA0009_01_f_2019_296				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.41	Rating **	M	Issue No.	638
LM End	13.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.421645 °	38.421523 °
				-121.525242 °	-121.525082 °
DWR ID	DWR_MA0009_01_s_2019_638				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.44	Rating **	U	Issue No.	1821
LM End	13.44	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.421394 °	38.421394 °
				-121.524955 °	-121.524955 °
DWR ID	17469				
Comment Code					
Inspector Comment					

Photo 1 of 3 : UCIP\_FA\_2019\_53474\_20799.jpg



Pumphouse and stairs on WS slope.

DS\_ID:17469  
 FS\_ID:53474  
 EP\_NO: N/A  
 Repair Type: Urgent  
 Crossing Status: Found  
 UCIP Comments: 08/24/2018 Same as previous inspection. Pipe sections laying on both sides of the levee. Crossing remains "Urgent" due to pipe integrity issues. Internal inspection by DWR DMP Phase 1 is recommended. Also need to contact the owner to determine if the pipe is active or not. (A. McDonald - DWR UCIP)12/02/2016 same as previous inspection recommend internal integrity inspection to determine condition of pipe through the levee. Need to contact owner to determine status of crossing. If crossing is still in use or is no longer in use, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/25/2012 Pipe has leaks between valve and levee crown on both sides of levee. Ineffective repairs have been made. This pipe is an excellent candidate for video inspection. (W. Wylie - DWR UCIP)  
 FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Pump in pump house located on the waterside (WS) slope, stairs located on both slopes. Gate valves on both ends. Service pole located on the landside (LS) slope. Pipe sections laying on both sides of the levee. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959, (River Mile 42.36)].  
 FS Date: 8/24/2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>13.44</b>	Rating **	U	Issue No.	<b>1821 (cont)</b>
LM End	<b>13.44</b>	Issue Type +	En	Location *	
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	DRAFT DWR UCIP Field Study		38.421394 °	38.421394 °	
			-121.524955 °	-121.524955 °	

DWR ID	17469
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Comment Code
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Inspector Comment
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DS_ID:17469
FS_ID:53474
EP_NO: N/A
Repair Type: Urgent
Crossing Status: Found

UCIP Comments: 08/24/2018 Same as previous inspection. Pipe sections laying on both sides of the levee. Crossing remains "Urgent" due to pipe integrity issues. Internal inspection by DWR DMP Phase 1 is recommended. Also need to contact the owner to determine if the pipe is active or not. (A. McDonald - DWR UCIP)12/02/2016 same as previous inspection recommend internal integrity inspection to determine condition of pipe through the levee. Need to contact owner to determine status of crossing. If crossing is still in use or is no longer in use, owner will need to coordinate with the CVFPB to comply with Title 23. (O. Magana - DWR UCIP)06/25/2012 Pipe has leaks between valve and levee crown on both sides of levee. Ineffective repairs have been made. This pipe is an excellent candidate for video inspection. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 10-inch steel irrigation pipe through levee, 4.8 feet below crown. Pump in pump house located on the waterside (WS) slope, stairs located on both slopes. Gate valves on both ends. Service pole located on the landside (LS) slope. Pipe sections laying on both sides of the levee. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959, (River Mile 42.36)].

FS Date: 8/24/2018

LM Start	<b>13.44</b>	Rating **	U	Issue No.	<b>1821 (cont)</b>
LM End	<b>13.44</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_53474\_20798.jpg



Holes/leaks in pipe on WS of Pumphouse.

Photo 3 of 3 : UCIP\_FA\_2019\_53474\_20797.jpg



Slant pump in pumphouse.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.45	Rating **	M	Issue No.	206
LM End	13.45	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.421183 °	38.421183 °
				-121.524747 °	-121.524747 °
DWR ID	DWR_MA0009_01_s_2012_206				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_206\_20190904\_00132.jpg



View of the trees on the landward side of the levee looking downstream.  
Fall 2015.

LM Start	13.50	Rating **	M	Issue No.	421
LM End	13.54	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.420548 °	38.420170 °
				-121.524320 °	-121.523992 °
DWR ID	DWR_MA0009_01_f_2018_421				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	13.60	Rating **	M	Issue No.	592
LM End	13.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.419370 °	38.419370 °
				-121.523407 °	-121.523407 °
DWR ID	DWR_MA0009_01_s_2019_592				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>13.74</b>	Rating **	M	Issue No.	<b>427</b>
LM End	<b>13.74</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.417632 °	38.417632 °	
			-121.522152 °	-121.522152 °	
DWR ID	DWR_MA0009_01_f_2018_427				
Comment Code					
T2 : Thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>13.83</b>	Rating **	M	Issue No.	<b>430</b>
LM End	<b>13.83</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.416504 °	38.416504 °	
			-121.521320 °	-121.521320 °	
DWR ID	DWR_MA0009_01_f_2018_430				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.85	Rating **	M	Issue No.	1822
LM End	13.85	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.416180 °	38.416180 °
				-121.521083 °	-121.521083 °
DWR ID	17474				
Comment Code					
Inspector Comment					
DS_ID:17474					
FS_ID:5172					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill.					
FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pump house on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe.					
FS Date: 6/25/2012 10:08:16 AM					

Photo 1 of 3 : UCIP\_FA\_2019\_5172\_6983.jpg



Pump and gate valve in pumphouse on WS slope.

LM Start	<b>13.85</b>	Rating **	M	Issue No.	<b>1822 (cont)</b>
LM End	<b>13.85</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5172\_6982.jpg



36-inch standpipe, JP, and meter on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.85	Rating **	M	Issue No.	1822 (cont)	
LM End	13.85	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.416180 °		38.416180 °
				-121.521083 °		-121.521083 °
DWR ID	17474					
Comment Code						
Inspector Comment						
DS_ID:17474						
FS_ID:5172						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Rodent undermining pipe on LS slope. Need to fill burrow with flowable fill.						
FIELD_STRUCT_DESC: 14-inch pipe through levee, 5.2 feet below crown. 12-inch sleeved through 14-inch with annular space grouted. Pump and gate valve in pump house on waterward slope. Service pole on landward slope. 36-inch steel standpipe at toe of landward slope. Originally included in O+M manual (1955). 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe.						
FS Date: 6/25/2012 10:08:16 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_5172\_6981.jpg



Pump and gate valve in pumphouse on WS slope.

LM Start	13.96	Rating **	M	Issue No.	265
LM End	13.96	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.414860 °	38.414860 °
				-121.520095 °	-121.520095 °
DWR ID	DWR_MA0009_01_s_2018_265				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair runoff and slope stability site. It appears to be an active fishing spot.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_265\_20191010\_00544.jpg



View of erosion site on waterside slope. Spring 2018

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	13.96	Rating **	M	Issue No.	265 (cont)	
LM End	13.96	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.414860 °	38.414860 °	
				-121.520095 °	-121.520095 °	
DWR ID	DWR_MA0009_01_s _ 2018_265					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Repair runoff and slope stability site. It appears to be an active fishing spot.						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_265\_20190904\_00184.jpg



Additional view of erosion. Spring 2018.

LM Start	13.96	Rating **	M	Issue No.	636
LM End	13.96	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.414848 °	38.414848 °
				-121.520037 °	-121.520037 °
DWR ID	DWR_MA0009_01_s _ 2019_636				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.00	Rating **	M	Issue No.	635	
LM End	14.00	Issue Type +	Ma	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.414332 °		38.414332 °
				-121.519738 °		-121.519738 °
DWR ID	DWR_MA0009_01_s _ 2019_635					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>14.06</b>	Rating **	M	Issue No.	<b>441</b>
LM End	<b>14.06</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413601 °	38.413601 °	
			-121.519222 °	-121.519222 °	
DWR ID	DWR_MA0009_01_f_2018_441				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>14.10</b>	Rating **	M	Issue No.	<b>444</b>
LM End	<b>14.10</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.413114 °	38.413114 °	
			-121.518880 °	-121.518880 °	
DWR ID	DWR_MA0009_01_f_2018_444				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>14.15</b>	Rating **	M	Issue No.	<b>297</b>
LM End	<b>14.20</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.412380 °	38.411825 °	
			-121.518353 °	-121.517935 °	
DWR ID	DWR_MA0009_01_f_2019_297				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.24	Rating **	M	Issue No.	1823
LM End	14.24	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.411280 °	38.411280 °
				-121.517510 °	-121.517510 °
DWR ID	17475				
Comment Code					
Inspector Comment					
DS_ID:17475 FS_ID:5174 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Annular space between 12-inch and 14-inch pipes needs to be grouted. Siphon breaker on LS shoulder appears to be damaged. No permit identified for this crossing and it is not noted in the O+M manual. FIELD_STRUCT_DESC: 14-inch pipe through levee, 2.6 feet below crown. 12-inch pipe on WS connected to 14-inch pipe through levee. Pump on pile structure in stream. 1.5-inch steel electrical conduit through levee and parallel to 14-inch pipe. Siphon breaker in 24-inch CMP riser on LS shoulder. Pole, meter, and 36-inch concrete standpipe on LS toe. Permit No. 1835, 1953. FS Date: 6/25/2012 10:19:35 AM					

LM Start	<b>14.24</b>	Rating **	M	Issue No.	<b>1823 (cont)</b>
LM End	<b>14.24</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5174\_6987.jpg



12-inch steel pipe through 14-inch steel conduit on WS shoulder at pier.  
1.5-inch steel electrical conduit.

Photo 2 of 3 : UCIP\_FA\_2019\_5174\_6986.jpg



12-inch pipe on pier WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 3 of 3 : UCIP\_FA\_2019\_5174\_6985.jpg



siphon breaker in damaged 24-inch CMP riser on LS shoulder (in foreground)

Photo 1 of 2 : FA\_2019\_MA0009\_201\_205\_20190904\_00130.jpg



Looking downstream at the landscaping on the levee slope. Spring 2014

* Location	** Rating	+ Issue Type
LS : Land Side	A : Acceptable	Ma : Maintenance Deficiency
N/A : Not Applicable	N : Not Inspected/Rated	Ob : Design & System Obsolescence
WS : Water Side	M : Minimally Acceptable	En : Enforcement
CR : Crown	U : Unacceptable	
	A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.25	Rating **	M	Issue No.	205 (cont)	
LM End	14.27	Issue Type +	En	Location *	LS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Vegetation			38.411162 °		38.410947 °
				-121.517383 °		-121.517202 °
DWR ID	DWR_MA0009_01_s_2012_205					
Comment Code						
V6 : Landscaping						
Inspector Comment						

Photo 2 of 2 : FA\_2019\_MA0009\_201\_205\_20190904\_00131.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

LM Start	14.28	Rating **	M	Issue No.	1824
LM End	14.28	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.410811 °	38.410811 °
				-121.517144 °	-121.517144 °
DWR ID	17575				
Comment Code					
Inspector Comment					
DS_ID:17575 FS_ID:5175 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Type of abandonment needs to be determined. FIELD_STRUCT_DESC: 6-inch pipe through the levee 6.1-feet below the crown and visible on WS toe. Pump on water side removed. Originally included in O+M manual (1955). FS Date: 6/25/2012 10:35:04 AM					

Photo 1 of 1 : UCIP\_FA\_2019\_5175\_6989.jpg



cut-off pipe at WS toe/slope. No indication pipe goes through levee.

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.33	Rating **	M	Issue No.	445
LM End	14.33	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.410112 °	38.410112 °
				-121.516753 °	-121.516753 °
DWR ID	DWR_MA0009_01_f_2018_445				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.36	Rating **	M	Issue No.	300
LM End	14.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.409775 °	38.409560 °
				-121.516545 °	-121.516403 °
DWR ID	DWR_MA0009_01_f_2019_300				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.43	Rating **	M	Issue No.	446
LM End	14.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.408834 °	38.407700 °
				-121.515941 °	-121.515318 °
DWR ID	DWR_MA0009_01_f_2018_446				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>14.45</b>	Rating **	M	Issue No.	<b>275</b>
LM End	<b>14.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.408533 °	38.408533 °	
			-121.515792 °	-121.515792 °	
DWR ID	DWR_MA0009_01_s_2018_275				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on the waterside slope.					

No Photos

LM Start	<b>14.52</b>	Rating **	M	Issue No.	<b>285</b>
LM End	<b>14.52</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Encroachments		38.407612 °	38.407612 °	
			-121.515226 °	-121.515226 °	
DWR ID	DWR_MA0009_01_s_2018_285				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree on the waterside slope.					

No Photos

LM Start	<b>14.57</b>	Rating **	M	Issue No.	<b>447</b>
LM End	<b>14.62</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.406984 °	38.406360 °	
			-121.514943 °	-121.514633 °	
DWR ID	DWR_MA0009_01_f_2018_447				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.64	Rating **	M	Issue No.	1825	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.406118 °	38.406118 °	
				-121.514463 °	-121.514463 °	
DWR ID	17466					
Comment Code						
Inspector Comment						
DS_ID:17466 FS_ID:53475 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Small pump inside the LS pump house was running. Crossing appears to be the same as last time. Crossing downgraded to "Non-Urgent" because there are no integrity issues or potential flooding issues during high water. (A. McDonald - DWR UCIP)04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Small pump inside a pump house at the LS toe. Filter outside the pump house. Originally included in O+M manual (1955). JP and meter at LS toe. FS Date: 8/24/2018						

LM Start	<b>14.64</b>	Rating **	M	Issue No.	<b>1825 (cont)</b>
LM End	<b>14.64</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53475\_6999.jpg



Pumphouse, JP, and meter on LS toe.

Photo 2 of 3 : UCIP\_FA\_2019\_53475\_6998.jpg



8-inch pipe and discarded 8-inch pipe on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.64	Rating **	M	Issue No.	1825 (cont)	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.406118 °	38.406118 °	
				-121.514463 °	-121.514463 °	
DWR ID	17466					
Comment Code						
Inspector Comment						
DS_ID:17466						
FS_ID:53475						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: 08/24/2018 Small pump inside the LS pump house was running. Crossing appears to be the same as last time. Crossing downgraded to "Non-Urgent" because there are no integrity issues or potential flooding issues during high water. (A. McDonald - DWR UCIP)04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP) FIELD_STRUCT_DESC: 12-inch pipe through levee, 10.5 feet below crown. Small pump inside a pump house at the LS toe. Filter outside the pump house. Originally included in O+M manual (1955). JP and meter at LS toe.						
FS Date: 8/24/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53475\_7001.jpg



8-inch pipe at US side of concrete pump house.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.64	Rating **	U	Issue No.	1826
LM End	14.64	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.406099 °	38.406099 °
				-121.514458 °	-121.514458 °
DWR ID	17441				

**Comment Code**

**Inspector Comment**

DS\_ID:17441

FS\_ID:53476

EP\_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Small pump inside the LS pump house was running. Crossing remains "Urgent" due to the severely corroded pipe in the bottom of the pump house vault. What is the condition of the pipe through the levee? Recommend internal inspection through DWR DMP Phase 1. (A. McDonald - DWR UCIP)04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB)

FIELD\_STRUCT\_DESC: 12-inch pipe through levee, 9.5 feet below crown. Concrete pump house with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Small pump inside a pump house at the LS toe. Filter outside the pump house. Originally included in O+M manual (1955). FS Date: 8/24/2018

LM Start	<b>14.64</b>	Rating **	U	Issue No.	<b>1826 (cont)</b>
LM End	<b>14.64</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_53476\_6995.jpg



Pump, pipe, and gate valve at bottom of pit in pumphouse.

Photo 2 of 3 : UCIP\_FA\_2019\_53476\_6994.jpg



Pipe appears to be severely corroded at bottom of pumphouse pit.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.64	Rating **	U	Issue No.	1826 (cont)	
LM End	14.64	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.406099 °	38.406099 °	
				-121.514458 °	-121.514458 °	
DWR ID	17441					
Comment Code						
Inspector Comment						
DS_ID:17441 FS_ID:53476 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Small pump inside the LS pump house was running. Crossing remains "Urgent" due to the severely corroded pipe in the bottom of the pump house vault. What is the condition of the pipe through the levee? Recommend internal inspection through DWR DMP Phase 1. (A. McDonald - DWR UCIP)04/26/2017 As per DWR inspector, Zack Jojola, the pump associated with this pipe appears to be leaking. Crossing has been upgraded from No Action Needed to Urgent. (K. Fazel - UCIP)06/25/2012 Further evaluation should be conducted to determine if 12-inch pipe through levee has been properly abandoned. Pipe rusted through at bottom of pumphouse. (G. Wylie - FPIIB) FIELD_STRUCT_DESC: 12-inch pipe through levee, 9.5 feet below crown. Concrete pump house with pump and gate valve at bottom of pit on WS slope. Steel plate welded on waterward end could not be verified or found. Small pump inside a pump house at the LS toe. Filter outside the pump house. Originally included in O+M manual (1955). FS Date: 8/24/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53476\_6993.jpg



Pumphouse on WS slope.

LM Start	14.67	Rating **	M	Issue No.	633
LM End	14.69	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.405623 °	38.405365 °
				-121.514188 °	-121.514072 °
DWR ID	DWR_MA0009_01_s_2019_633				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.67	Rating **	M	Issue No.	448
LM End	14.67	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.405575 °	38.405575 °
				-121.514250 °	-121.514250 °
DWR ID	DWR_MA0009_01_f_2018_448				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	14.73	Rating **	M	Issue No.	1827	
LM End	14.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.404834 °		38.404834 °
				-121.513860 °		-121.513860 °
DWR ID	17464					
Comment Code						
Inspector Comment						
DS_ID:17464 FS_ID:51462 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pump house is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

Photo 1 of 3 : UCIP\_FA\_2019\_51462\_20806.jpg



2.25-inch pipe at waterline.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.73	Rating **	M	Issue No.	1827 (cont)	
LM End	14.73	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.404834 °	38.404834 °	
				-121.513860 °	-121.513860 °	
DWR ID	17464					
Comment Code						
Inspector Comment						
DS_ID:17464 FS_ID:51462 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 12/02/2016 Same as previous inspection. Need find owner. Owner will need to coordinate with the CVFPB to address what is currently logged as unauthorized encroachments. Owner will need to comply with Title 23. Dense vegetation limits the inspector's visibility to identify signs of pipe failure (leaks) along the slope. Recommend removing vegetation along pipe alignment to conduct proper inspection of structure and appurtenances. Crossing has been downgraded from "Urgent" to "Non-Urgent" due to modifications made to the UCIP repair/maintenance priority. (O. Magana - DWR UCIP)06/25/2012 No permit issued for this crossing and it is not an O+M entry. Abandoned pipe not grouted or sealed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: 2.25-inch steel water line through levee, 5 feet below crown. Gate valve located on the waterside (WS) slope has been removed. 2-inch steel pipe remains visible on the landside (LS) slope parallel to new 2.25-inch steel pipe. Pump house is located on the LS toe. [Additional Reference(s): DWR Levee Log, 1991]. FS Date: 12/2/2016						

LM Start	<b>14.73</b>	Rating **	M	Issue No.	<b>1827 (cont)</b>
LM End	<b>14.73</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_51462\_20805.jpg



View of pipe from WS shoulder.

Photo 3 of 3 : UCIP\_FA\_2019\_51462\_20804.jpg



LS slope at pipe and pump house

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.75	Rating **	M	Issue No.	1828
LM End	14.75	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.404510°	38.404510°
				-121.513690°	-121.513690°
DWR ID	18958				
Comment Code					
Inspector Comment					
DS_ID:18958 FS_ID:5926 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: 4-inch cast iron sewer pipe through the levee, 18 feet below the crown. Located 9 feet upstream from the boat ramp walkway on the waterside (WS) slope. FS Date: 6/25/2012 3:51:21 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5926\_9012.jpg



Pipe on WS slope at waterline. Pipe not backfilled with grout.

LM Start	<b>14.75</b>	Rating **	M	Issue No.	<b>1828 (cont)</b>
LM End	<b>14.75</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5926\_9011.jpg



Pipe on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.76	Rating **	M	Issue No.	1829
LM End	14.76	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.404480 °	38.404480 °
				-121.513680 °	-121.513680 °
DWR ID	18959				
Comment Code					
Inspector Comment					
DS_ID:18959					
FS_ID:5928					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) electrical conduit through the levee, 1.5 feet below the crown, at the upstream side of the boat ramp walkway. Provides electrical service to boat ramp.					
FS Date: 6/25/2012 3:53:19 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5928\_9020.jpg



Possible electrical conduit on boat dock.

LM Start	<b>14.76</b>	Rating **	M	Issue No.	<b>1829 (cont)</b>
LM End	<b>14.76</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5928\_9019.jpg



Electrical conduit at WS shoulder on upstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	14.76	Rating **	M	Issue No.	957
LM End	14.76	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.404447°	38.404447°
				-121.513634°	-121.513634°
DWR ID	DWR_MA0009_01_s_2012_957				
Comment Code					
FE : Fence					
Inspector Comment					
Painted brick wall on landside shoulder.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_957\_20190904\_00305.jpg



View of the brick wall on the shoulder of the levee on the landward side looking upstream. Spring 2016.

LM Start	14.78	Rating **	M	Issue No.	450
LM End	14.87	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.404143 °	38.402880 °
				-121.513571 °	-121.513039 °
DWR ID	DWR_MA0009_01_f_2018_450				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.04	Rating **	M	Issue No.	1830	
LM End	15.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.400520 °		38.400520 °
				-121.512300 °		-121.512300 °
DWR ID	17429					
Comment Code						
Inspector Comment						
DS_ID:17429 FS_ID:5180 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pump house on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch primer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM						

LM Start	<b>15.04</b>	Rating **	M	Issue No.	<b>1830 (cont)</b>
LM End	<b>15.04</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5180\_7004.jpg



Pumphouse, JP, and meter on LS toe. Showing 3 pipes on LS slope.

Photo 2 of 3 : UCIP\_FA\_2019\_5180\_7003.jpg



Pump in pumphouse on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.04	Rating **	M	Issue No.	1830 (cont)	
LM End	15.04	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.400520 °	38.400520 °	
				-121.512300 °	-121.512300 °	
DWR ID	17429					
Comment Code						
Inspector Comment						
DS_ID:17429 FS_ID:5180 EP_NO: 6189 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Need to determine if additional pipe on LS slope is discarded material or an additional pipe through the levee. FIELD_STRUCT_DESC: 5-inch pipe sleeved through 7-inch pipe through levee, 8.4 feet below crown. Annular space grouted, pump and gate valve in pump house on landward side (App. No. 6189 11/15/1968). Originally included in O+M manual (1955). 1-inch primer line runs to LS shoulder and 5-inch standpipe. FS Date: 6/25/2012 11:31:49 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_5180\_7002.jpg



Distribution system on LS toe.

LM Start	15.06	Rating **	M	Issue No.	451
LM End	15.06	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.400248 °	38.400248 °
				-121.512246 °	-121.512246 °
DWR ID	DWR_MA0009_01_f_2018_451				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

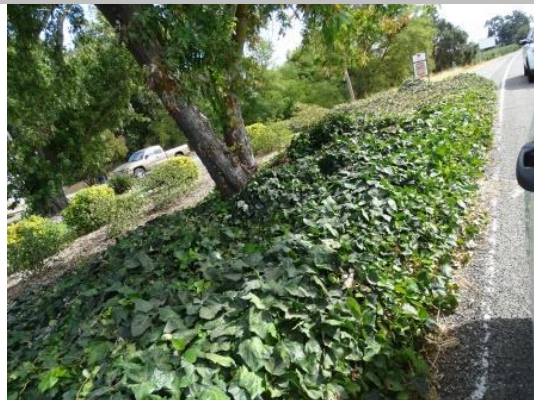
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.09	Rating **	M	Issue No.	55
LM End	15.09	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.399804 °	38.399804 °
				-121.512096 °	-121.512096 °
DWR ID	DWR_MA0009_01_s_2012_55				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Ivy groundcover is not permitted and needs to be cleared.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_55\_20190904\_00021.jpg



View of ivy groundcover that is unsuitable and is blocking visibility. Fall 2018

LM Start	<b>15.09</b>	Rating **	M	Issue No.	<b>55 (cont)</b>
LM End	<b>15.09</b>	Issue Type +	En	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_55\_20190904\_00022.jpg



View of the trees and ivy plants on the shoulder of the levee on the landward side looking upstream. Spring 2016.

LM Start	15.19	Rating **	M	Issue No.	452
LM End	15.19	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.398353 °	38.398353 °
				-121.511987 °	-121.511987 °
DWR ID	DWR_MA0009_01_f_2018_452				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.19	Rating **	M	Issue No.	1831	
LM End	15.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.398340 °	38.398340 °	
				-121.511980 °	-121.511980 °	
DWR ID	17430					
Comment Code						
Inspector Comment						
DS_ID:17430						
FS_ID:5181						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Gate valve on WS does not open or close.						
FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe. Gate valve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955).						
FS Date: 6/25/2012 11:56:42 AM						

LM Start	15.19	Rating **	M	Issue No.	1831 (cont)
LM End	15.19	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5181\_7008.jpg



Gate valve on WS slope.

Photo 2 of 3 : UCIP\_FA\_2019\_5181\_7007.jpg



Close up of Gate valve on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.19	Rating **	M	Issue No.	1831 (cont)	
LM End	15.19	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.398340 °	38.398340 °	
				-121.511980 °	-121.511980 °	
DWR ID	17430					
Comment Code						
Inspector Comment						
DS_ID:17430 FS_ID:5181 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Gate valve on WS does not open or close. FIELD_STRUCT_DESC: 8-inch steel pipe through levee, 12.7 feet below crown. Joint pole, meter, 16-inch standpipe and pump on LS toe. Gate valve on waterward slope. 1-inch galvanized steel primer pipe runs parallel to 8-inch pipe on LS slope. Originally included in O+M manual (1955). FS Date: 6/25/2012 11:56:42 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_5181\_7006.jpg



Pump, pipe, and appurtenances on LS toe.

LM Start	15.26	Rating **	M	Issue No.	595
LM End	15.26	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.397275 °	38.397275 °
				-121.511918 °	-121.511918 °
DWR ID	DWR_MA0009_01_s_2019_595				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>15.31</b>	Rating **	A/W	Issue No.	<b>291</b>
LM End		Issue Type +	Ob	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	2017 Storm Damage			38.396600 °	°
				-121.511911 °	°
DWR ID	106-254				
Comment Code					
Inspector Comment					
Levee Evaluation Comments					
Description:					
Site ID No:57					
Site Designation:106-254					
Repair Type: Seepage					
Rating:					
Field Date:					
Notes:					

No Photos

LM Start	<b>15.38</b>	Rating **	M	Issue No.	<b>453</b>
LM End	<b>15.38</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.395660 °	38.395660 °
				-121.511990 °	-121.511990 °
DWR ID	DWR_MA0009_01_f_2018_453				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>15.40</b>	Rating **	M	Issue No.	<b>597</b>
LM End	<b>15.42</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.395325°	38.395083°	
			-121.512012°	-121.512033°	
DWR ID	DWR_MA0009_01_s_2019_597				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>15.42</b>	Rating **	M	Issue No.	<b>208</b>
LM End	<b>15.44</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.395077°	38.394783°	
			-121.512195°	-121.512234°	
DWR ID	DWR_MA0009_01_s_2019_208				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 40.4 L Status: Eroding New 2017 Field Notes: Erosion along lower slope. Large erosion pocket at downstream end. Site History:					

No Photos

LM Start	<b>15.50</b>	Rating **	M	Issue No.	<b>454</b>
LM End	<b>15.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.393860°	38.393659°	
			-121.512138°	-121.512156°	
DWR ID	DWR_MA0009_01_f_2018_454				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>15.54</b>	Rating **	M	Issue No.	<b>632</b>
LM End	<b>15.54</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.393330°	38.393330°	
			-121.512135°	-121.512135°	
DWR ID	DWR_MA0009_01_s_2019_632				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

**\* Location**  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

**\*\* Rating**  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.56	Rating **	U	Issue No.	1832
LM End	15.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.393070 °	38.393070 °
				-121.512190 °	-121.512190 °
DWR ID	17431				

**Comment Code**

**Inspector Comment**

DS\_ID:17431

FS\_ID:53477

EP\_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Everything appears to be the same as before. The intake pipe on the WS slope is in an unacceptable condition. A PVC pipe has been used to patch the deteriorating steel pipe, and it has been attached with duct tape. There are also metal zip ties along the PVC pipe section to hold it together. Tape was also used to cover another deteriorating section of the steel pipe. If the pipe is failing on the WS slope, then it's probably failing underneath the levee surface as well. Crossing remains "Urgent" due to the pipe integrity issues listed above. (A. McDonald - DWR UCIP)12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. A section of PVC pipe was used to patch the deteriorating steel pipe along the WS slope. The PVC pipe was attached to the steel pipe with duct tape and held together with metal zip ties. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)].

FS Date: 8/24/2018

Photo 1 of 3 : UCIP\_FA\_2019\_53477\_20809.jpg



Slant pump on WS slope.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.56	Rating **	U	Issue No.	1832 (cont)
LM End	15.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.393070 °	38.393070 °
				-121.512190 °	-121.512190 °
DWR ID	17431				

**Comment Code**

**Inspector Comment**

DS\_ID:17431  
FS\_ID:53477  
EP\_NO: N/A  
Repair Type: Urgent  
Crossing Status: Found  
UCIP Comments: 08/24/2018 Everything appears to be the same as before. The intake pipe on the WS slope is in an unacceptable condition. A PVC pipe has been used to patch the deteriorating steel pipe, and it has been attached with duct tape. There are also metal zip ties along the PVC pipe section to hold it together. Tape was also used to cover another deteriorating section of the steel pipe. If the pipe is failing on the WS slope, then it's probably failing underneath the levee surface as well. Crossing remains "Urgent" due to the pipe integrity issues listed above. (A. McDonald - DWR UCIP)12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP)  
FIELD\_STRUCT\_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. A section of PVC pipe was used to patch the deteriorating steel pipe along the WS slope. The PVC pipe was attached to the steel pipe with duct tape and held together with metal zip ties. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)].  
FS Date: 8/24/2018

Photo 2 of 3 : UCIP\_FA\_2019\_53477\_20808.jpg



Gate valve missing handle.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.56	Rating **	U	Issue No.	1832 (cont)
LM End	15.56	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.393070°	38.393070°
				-121.512190°	-121.512190°
DWR ID	17431				

**Comment Code**

**Inspector Comment**

DS\_ID:17431

FS\_ID:53477

EP\_NO: N/A

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Everything appears to be the same as before. The intake pipe on the WS slope is in an unacceptable condition. A PVC pipe has been used to patch the deteriorating steel pipe, and it has been attached with duct tape. There are also metal zip ties along the PVC pipe section to hold it together. Tape was also used to cover another deteriorating section of the steel pipe. If the pipe is failing on the WS slope, then it's probably failing underneath the levee surface as well. Crossing remains "Urgent" due to the pipe integrity issues listed above. (A. McDonald - DWR UCIP)12/02/2016 Assumed same condition as last inspection--unable to verify damage reported during last inspection due to limited access to both WS and LS (steep slopes--safety issue). Crossing remains "Urgent" due to signs of sink hole/burrow activity visible along WS pipe alignment. Need to contact owner. Recommend internal integrity inspection be performed at this crossing to determine condition of pipe through the levee. (O. Magana - DWR UCIP)06/25/2012 2-foot deep 5-foot diameter sink hole over pipe at LS shoulder. Pipe has multiple repairs and leaks along water side slope. gate valve is in-operative. Pipe is likely failing internally. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 12-inch steel irrigation pipe through levee, 17 feet below crown. Pump and gate valve on concrete stand box are located on the landside (LS) toe. Slant pump and 10-inch pipe sleeved into 12-inch pipe located on the waterside (WS) slope. A section of PVC pipe was used to patch the deteriorating steel pipe along the WS slope. The PVC pipe was attached to the steel pipe with duct tape and held together with metal zip ties. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 40.34)].

FS Date: 8/24/2018

Photo 3 of 3 : UCIP\_FA\_2019\_53477\_20807.jpg



Pipe holes and patch job typical of large sections of pipe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.56	Rating **	M	Issue No.	599
LM End	15.56	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.393028 °	38.393028 °
				-121.512280 °	-121.512280 °
DWR ID	DWR_MA0009_01_s_2019_599				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.58	Rating **	M	Issue No.	455
LM End	15.58	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.392756 °	38.392756 °
				-121.512253 °	-121.512253 °
DWR ID	DWR_MA0009_01_f_2018_455				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	15.62	Rating **	M	Issue No.	456
LM End	15.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.392158 °	38.390530 °
				-121.512330 °	-121.512567 °
DWR ID	DWR_MA0009_01_f_2018_456				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.69	Rating **	M	Issue No.	600
LM End	15.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.391093 °	38.390225 °
				-121.512477 °	-121.512655 °
DWR ID	DWR_MA0009_01_s_2019_600				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.75	Rating **	M	Issue No.	344
LM End	15.75	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.390320 °	38.390320 °
				-121.512523 °	-121.512523 °
DWR ID	DWR_MA0009_01_f_2019_344				
Comment Code					
V2 : Remove the wild growth other than native grasses from the levee slopes.					
Inspector Comment					
Remove Arundo growth.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.80	Rating **	M	Issue No.	1833	
LM End	15.80	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.389530 °	38.389530 °	
				-121.512800 °	-121.512800 °	
DWR ID	17432					
Comment Code						
Inspector Comment						
DS_ID:17432 FS_ID:41066 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Indicator Found UCIP Comments: Pipe abandoned/grouted in place by DWR. Pipe not found but pump and appurtances good indicator of previous location. FIELD_STRUCT_DESC: *ABANDONED* 1 of 2: 8-inch abandoned pipe through levee, 12.7 feet below crown. Pressure grouted 8/68 by DWR. Originally included in O+M manual (1955). FS Date: 6/25/2012 1:39:00 PM						

Photo 1 of 2 : UCIP\_FA\_2019\_41066\_7015.jpg



Pump at location where this pipe would have originally been located.

LM Start	<b>15.80</b>	Rating **	M	Issue No.	<b>1833 (cont)</b>
LM End	<b>15.80</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_41066\_7014.jpg



Concrete box and galvanized steel standpipe good indicator as to original pipe location.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.80	Rating **	M	Issue No.	302
LM End	15.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.389510 °	38.389510 °
				-121.512843 °	-121.512843 °
DWR ID	DWR_MA0009_01_f_2019_302				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	15.84	Rating **	M	Issue No.	314
LM End	16.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.388990 °	38.386119 °
				-121.512971 °	-121.514376 °
DWR ID	DWR_MA0009_01_s_2017_314				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	15.85	Rating **	M	Issue No.	304
LM End	16.08	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.388847 °	38.385778 °
				-121.513028 °	-121.514632 °
DWR ID	DWR_MA0009_01_f_2019_304				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.85	Rating **	C	Issue No.	432
LM End	15.85	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.388827°	38.388827°
				-121.513034°	-121.513034°
DWR ID	DWR_MA0009_01_f_2017_432				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree limbs on waterside slope.					

No Photos

LM Start	15.88	Rating **	M	Issue No.	1834
LM End	15.88	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.388480 °	38.388480 °
				-121.513160 °	-121.513160 °
DWR ID	17433				
Comment Code					
Inspector Comment					
DS_ID:17433 FS_ID:53478 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Electrical panel and pipe sections still remain on the WS slope. Concrete box standpipe/distribution box remains at the LS toe, as well as a utility pole with an electrical panel on it. Crossing downgraded to "Non-Urgent" because no integrity issues were observed. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99). FS Date: 8/24/2018					

Photo 1 of 3 : UCIP\_FA\_2019\_53478\_20814.jpg



WS shoulder: pumphouse missing walls, pump, and gate valve

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	15.88	Rating **	M	Issue No.	1834 (cont)	
LM End	15.88	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.388480 °	38.388480 °	
				-121.513160 °	-121.513160 °	
DWR ID	17433					
Comment Code						
Inspector Comment						
DS_ID:17433 FS_ID:53478 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Electrical panel and pipe sections still remain on the WS slope. Concrete box standpipe/distribution box remains at the LS toe, as well as a utility pole with an electrical panel on it. Crossing downgraded to "Non-Urgent" because no integrity issues were observed. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection pipe has been abandoned. Crossing remains "Urgent" due to WS pipe inlet opened (unable to confirm--pipe has been disconnected). (O. Magana - DWR UCIP)06/25/2012 Pump and gate valve removed from pumphouse. Pipe needs to be closed or properly abandoned. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 8-inch steel irrigation pipe through levee, 13.3 feet below crown. Pump and gate valve missing from the waterside (WS) slope. Service pole and concrete distribution box located at the toe of landside (LS) slope. 1-inch galvanized steel electrical conduit through the levee parallel to the 8-inch pipe. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (River Mile 39.99). FS Date: 8/24/2018						

LM Start	<b>15.88</b>	Rating **	M	Issue No.	<b>1834 (cont)</b>
LM End	<b>15.88</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_53478\_20813.jpg



Open pipe where pump and gate valve should be located.

Photo 3 of 3 : UCIP\_FA\_2019\_53478\_20812.jpg



Pipe, JP, meter, and concrete distribution box on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>15.91</b>	Rating **	M	Issue No.	<b>628</b>							
LM End	<b>15.92</b>	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Trim / Thin Trees		38.388063°	38.387910°								
			-121.513300°	-121.513390°								
DWR ID	DWR_MA0009_01_s_2019_628											
Comment Code												
T1 : Trim trees to at least five feet above ground level.												
Inspector Comment												

No Photos

LM Start	<b>15.95</b>	Rating **	M	Issue No.	<b>339</b>							
LM End	<b>15.99</b>	Issue Type +	En	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Vegetation		38.387422°	38.386975°								
			-121.513592°	-121.513797°								
DWR ID	DWR_MA0009_01_f_2019_339											
Comment Code												
V6 : Landscaping												
Inspector Comment												

No Photos

LM Start	<b>16.00</b>	Rating **	M	Issue No.	<b>345</b>							
LM End	<b>16.00</b>	Issue Type +	Ma	Location *	LS							
Category	Earthen Levee		GPS Latitude/Longitude									
			Start	End								
Item	Encroachments		38.386751°	38.386751°								
			-121.513963°	-121.513963°								
DWR ID	DWR_MA0009_01_s_2017_345											
Comment Code												
TR : Tree or limb												
Inspector Comment												
Remove fallen tree on landside levee slope.												

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.02	Rating **	M	Issue No.	952
LM End	16.02	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386542 °	38.386542 °
				-121.514111 °	-121.514111 °
DWR ID	DWR_MA0009_01_s_2012_952				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	16.04	Rating **	M	Issue No.	202
LM End	16.12	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.386248 °	38.385235 °
				-121.514202 °	-121.515025 °
DWR ID	DWR_MA0009_01_s_2012_202				
Comment Code					
V6 : Landscaping					
Inspector Comment					
Trees over levee slope need to be trimmed.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_202\_20190904\_00129.jpg

View of the trees on the landward slope of the levee looking upstream.  
Spring 2016.

**\* Location**  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

**\*\* Rating**  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

**+ Issue Type**  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.15	Rating **	M	Issue No.	1835
LM End	16.15	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.384990 °	38.384990 °
				-121.515280 °	-121.515280 °
DWR ID	17434				
Comment Code					
Inspector Comment					
DS_ID:17434					
FS_ID:5186					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pump missing from platform.					
FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, and concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955).					
FS Date: 6/26/2012 2:02:36 PM					

LM Start	<b>16.15</b>	Rating **	M	Issue No.	<b>1835 (cont)</b>
LM End	<b>16.15</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5186\_7023.jpg



Gate valve, standpipe, concret distribution box, pole, and meter on LS toe.

Photo 2 of 3 : UCIP\_FA\_2019\_5186\_7022.jpg



Open pump house with breaker and missing pump shown.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.15	Rating **	M	Issue No.	1835 (cont)	
LM End	16.15	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.384990 °	38.384990 °	
				-121.515280 °	-121.515280 °	
DWR ID	17434					
Comment Code						
Inspector Comment						
DS_ID:17434 FS_ID:5186 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump missing from platform. FIELD_STRUCT_DESC: 8-inch pipe through levee, 11.8 feet below crown. Slant pump on waterward slope. gate valve, 24-inch concrete standpipe, and concrete distribution box on LS toe. Meter on pole LS toe. 1-inch galvanized steel electrical conduit through the levee 11.8 feet below the crown. Originally included in O+M manual (1955). FS Date: 6/26/2012 2:02:36 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5186\_7021.jpg



Missing pump.

LM Start	16.15	Rating **	M	Issue No.	953
LM End	16.15	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.384924 °	38.384924 °
				-121.515363 °	-121.515363 °
DWR ID	DWR_MA0009_01_s_2012_953				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.17	Rating **	M	Issue No.	257
LM End	16.20	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.384678 °	38.384406 °
				-121.515599 °	-121.515881 °
DWR ID	DWR_MA0009_01_f_2018_257				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.26	Rating **	C	Issue No.	491
LM End	16.26	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.383671 °	38.383671 °
				-121.516711 °	-121.516711 °
DWR ID	DWR_MA0009_01_f_2018_491				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	16.29	Rating **	M	Issue No.	457
LM End	16.32	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.383428 °	38.383133 °
				-121.517087 °	-121.517486 °
DWR ID	DWR_MA0009_01_f_2018_457				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.36	Rating **	M	Issue No.	604
LM End	16.40	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382765 °	38.382398 °
				-121.518047 °	-121.518718 °
DWR ID	DWR_MA0009_01_s_2019_604				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.43	Rating **	M	Issue No.	459
LM End	16.50	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.382246°	38.381575°
				-121.519101°	-121.520108°
DWR ID	DWR_MA0009_01_f_2018_459				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.47	Rating **	M	Issue No.	460
LM End	16.52	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.381870 °	38.381395 °
				-121.519805 °	-121.520487 °
DWR ID	DWR_MA0009_01_f_2018_460				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.58	Rating **	M	Issue No.	605
LM End	16.60	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.380942 °	38.380740 °
				-121.521388 °	-121.521722 °
DWR ID	DWR_MA0009_01_s_2019_605				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.64	Rating **	M	Issue No.	462
LM End	16.73	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.380458 °	38.379300 °
				-121.522213 °	-121.523052 °
DWR ID	DWR_MA0009_01_f_2018_462				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
In addition to trees, vegetation on waterside slope also needs to be cleared.					

No Photos

LM Start	16.73	Rating **	M	Issue No.	317
LM End	16.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.379217 °	38.378937 °
				-121.523040 °	-121.523207 °
DWR ID	DWR_MA0009_01_f_2019_317				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.74	Rating **	M	Issue No.	607
LM End	16.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.379153°	38.379058°
				-121.523095°	-121.523235°
DWR ID	DWR_MA0009_01_s_2019_607				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	16.80	Rating **	U	Issue No.	433
LM End	16.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.378335 °	38.378335 °
				-121.523509 °	-121.523509 °
DWR ID	DWR_MA0009_01_f_2017_433				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion worsened, as guardrails needed to be anchored to other posts.					

Photo 1 of 3 : FA\_2019\_MA0009\_201\_433\_20191010\_00546.jpg



View of erosion and anchored guardrail posts. Fall 2019

LM Start	<b>16.80</b>	Rating **	U	Issue No.	<b>433 (cont)</b>
LM End	<b>16.80</b>	Issue Type +	Ma	Location *	WS

Photo 2 of 3 : FA\_2019\_MA0009\_201\_433\_20191010\_00547.jpg



View of erosion at waterside hinge point. Fall 2019

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain			

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	16.80	Rating **	U	Issue No.	433 (cont)	
LM End	16.80	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Erosion / Bank Caving			38.378335 °		38.378335 °
				-121.523509 °		-121.523509 °
DWR ID	DWR_MA0009_01_f_2017_433					
Comment Code						
E2 : Schedule repair of erosion site prior to the next inspection.						
Inspector Comment						
Erosion worsened, as guardrails needed to be anchored to other posts.						

Photo 3 of 3 : FA\_2019\_MA0009\_201\_433\_20190904\_00283.jpg



View of erosion at hinge point. Fall 2017.

LM Start	16.82	Rating **	M	Issue No.	463
LM End	16.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.378047 °	38.378047 °
				-121.523585 °	-121.523585 °
DWR ID	DWR_MA0009_01_s_2019_463				
Comment Code					
DE : Debris					
Inspector Comment					
Remove debris from levee slope.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_463\_20190904\_00285.jpg



View of debris on waterside slope. Spring 2019

LM Start	16.83	Rating **	M	Issue No.	608
LM End	16.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.377880 °	38.377880 °
				-121.523615 °	-121.523615 °
DWR ID	DWR_MA0009_01_s_2019_608				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>16.89</b>	Rating **	M	Issue No.	<b>464</b>
LM End	<b>16.89</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.377051°	38.377051°	
			-121.523611°	-121.523611°	
DWR ID	DWR_MA0009_01_f_2018_464				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>16.89</b>	Rating **	M	Issue No.	<b>204</b>
LM End	<b>16.89</b>	Issue Type +	Ma	Location *	WS
Category	Supplemental		GPS Latitude/Longitude		
			Start	End	
Item	2017 USACE Erosion Survey		38.377013°	38.375565°	
			-121.523877°	-121.523360°	
DWR ID	DWR_MA0009_01_s_2019_204				
Comment Code					
Inspector Comment					
2017 Site ID: SAC 38.8 L Status: Eroding New 2017 Field Notes: Toe erosion along entire site. Heavily used by people for fishing and campfires. Large tree at downstream end. Site History:					

No Photos

LM Start	<b>16.99</b>	Rating **	M	Issue No.	<b>465</b>
LM End	<b>17.01</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.375575°	38.375324°	
			-121.523103°	-121.522981°	
DWR ID	DWR_MA0009_01_f_2018_465				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.10	Rating **	M	Issue No.	1836
LM End	17.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.374100°	38.374100°
				-121.522350°	-121.522350°
DWR ID	18960				
Comment Code					
Inspector Comment					
DS_ID:18960 FS_ID:5929 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1.25-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:56:24 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5929\_9022.jpg



Pipe on upstream side of pier walkway.

LM Start	<b>17.10</b>	Rating **	M	Issue No.	<b>1836 (cont)</b>
LM End	<b>17.10</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5929\_9021.jpg



Pier on WS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.10	Rating **	M	Issue No.	1837
LM End	17.10	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.374080 °	38.374080 °
				-121.522360 °	-121.522360 °
DWR ID	18961				
Comment Code					
Inspector Comment					
DS_ID:18961 FS_ID:5930 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 0.75-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:58:33 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5930\_9024.jpg



Pipes on upstream side of pier walkway.

LM Start	<b>17.10</b>	Rating **	M	Issue No.	<b>1837 (cont)</b>
LM End	<b>17.10</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5930\_9023.jpg



Pier walkway on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.11	Rating **	M	Issue No.	1838
LM End	17.11	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.374070°	38.374070°
				-121.522360°	-121.522360°
DWR ID	18962				
Comment Code					
Inspector Comment					
DS_ID:18962 FS_ID:5945 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 6 feet below the crown, at the upstream side of the boat ramp walkway. FS Date: 6/26/2012 3:59:00 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5945\_9086.jpg



Pipes on upstream side of pier walkway.

LM Start	17.11	Rating **	M	Issue No.	1838 (cont)
LM End	17.11	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5945\_9085.jpg



Pier walkway on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.11	Rating **	M	Issue No.	318
LM End	17.14	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Vegetation		38.373928°	38.373603°	
			-121.522300°	-121.522130°	
DWR ID	DWR_MA0009_01_f_2019_318				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.13	Rating **	M	Issue No.	626
LM End	17.16	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.373680°	38.373345°	
			-121.522132°	-121.521973°	
DWR ID	DWR_MA0009_01_s_2019_626				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	17.16	Rating **	M	Issue No.	467
LM End	17.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.373328°	38.373328°	
			-121.522005°	-121.522005°	
DWR ID	DWR_MA0009_01_f_2018_467				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.18	Rating **	N	Issue No.	258
LM End	17.18	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.373060°	38.373060°
				-121.521868°	-121.521868°
DWR ID	DWR_MA0009_01_f_2016_258				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_258\_20190904\_00181.jpg



Decomposing tree body and root on waterside slope looking upstream.  
Fall 2016.

LM Start	17.18	Rating **	M	Issue No.	468
LM End	17.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.373002 °	38.369922 °
				-121.521892 °	-121.520648 °
DWR ID	DWR_MA0009_01_f_2018_468				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	17.30	Rating **	M	Issue No.	435
LM End	17.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Slope Stability			38.371456 °	38.371456 °
				-121.521213 °	-121.521213 °
DWR ID	DWR_MA0009_01_f_2017_435				
Comment Code					
S2 : Repair the levee slope damaged by foot traffic and prevent access where possible.					
Inspector Comment					
Repair footpath on waterside slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.36	Rating **	M	Issue No.	1839
LM End	17.36	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.370596 °	38.370596 °
				-121.520907 °	-121.520907 °
DWR ID	17452				
Comment Code					
Inspector Comment					
DS_ID:17452 FS_ID:5222 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pump house on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM					

Photo 1 of 3 : UCIP\_FA\_2019\_5222\_7111.jpg



Concrete standpipe under heavy vegetation at LS toe.

LM Start	<b>17.36</b>	Rating **	M	Issue No.	<b>1839 (cont)</b>
LM End	<b>17.36</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5222\_7110.jpg



10-inch sleeved through a 12-inch pipe on the LS shoulder.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

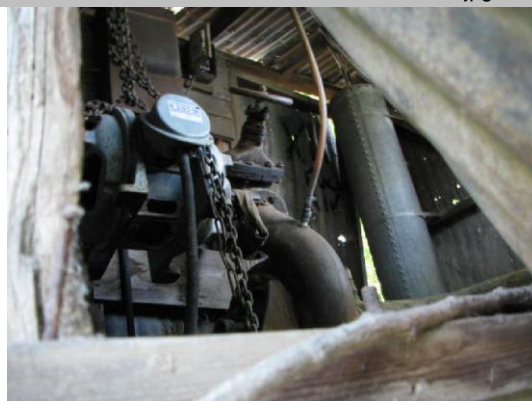
**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.36	Rating **	M	Issue No.	1839 (cont)	
LM End	17.36	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.370596 °	38.370596 °	
				-121.520907 °	-121.520907 °	
DWR ID	17452					
Comment Code						
Inspector Comment						
DS_ID:17452 FS_ID:5222 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump disconnected from pipe in pumphouse. FIELD_STRUCT_DESC: 8-inch steel pipe sleeved through 10-inch pipe on WS and 10-inch pipe sleeved through 12-inch pipe on LS, 6.0 feet below crown. Pump disconnected and gate valve in pump house on waterward slope. 1.5-inch steel electrical conduit through the levee and parallel to the 8-inch steel pipe. Originally included in O+M manual (1955). FS Date: 6/26/2012 3:02:29 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5222\_7109.jpg



Pump removed from pipe inside pumphouse on WS.

LM Start	17.37	Rating **	M	Issue No.	199
LM End	17.37	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.370453°	38.370453°
				-121.520878°	-121.520878°
DWR ID	DWR_MA0009_01_s_2017_199				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_199\_20190904\_00125.jpg



View of the trees and shrubs on the landward side of the levee looking downstream. Spring 2016.

\* Location  
 LS : Land Side    N/A : Not Applicable  
 WS : Water Side  
 CR : Crown

\*\* Rating  
 A : Acceptable                      N : Not Inspected/Rated  
 M : Minimally Acceptable        C : Corrected  
 U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
 Ma : Maintenance Deficiency  
 Ob : Design & System Obsolescence  
 En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.44	Rating **	M	Issue No.	1840	
LM End	17.44	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.369520 °	38.369520 °	
				-121.520490 °	-121.520490 °	
DWR ID	17428					
Comment Code						
Inspector Comment						
DS_ID:17428						
FS_ID:5932						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Not Found						
UCIP Comments: need to clear vegetation from area in order to find pipe.						
FIELD_STRUCT_DESC: *ABANDONED* 8-inch pipe of an unknown material or purpose through the levee, 4 feet below the crown. Pipe open on the waterside (WS). Pipe not visible on the landside (LS). [Additional Reference(s): DWR Levee Log, 1991].						
FS Date: 6/26/2012 3:18:00 PM						

No Photos

LM Start	17.49	Rating **	M	Issue No.	1841	
LM End	17.49	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.368740 °	38.368740 °	
				-121.520400 °	-121.520400 °	
DWR ID	18964					
Comment Code						
Inspector Comment						
DS_ID:18964						
FS_ID:5933						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 3.5 feet below the crown. Shutoff valve on the waterside (WS) slope under building.						
FS Date: 6/26/2012 4:02:26 PM						

Photo 1 of 3 : UCIP\_FA\_2019\_5933\_9043.jpg



Pipe under walkway of building on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.49	Rating **	M	Issue No.	1841 (cont)
LM End	17.49	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368740 °	38.368740 °
				-121.520400 °	-121.520400 °
DWR ID	18964				
Comment Code					
Inspector Comment					
DS_ID:18964 FS_ID:5933 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 3.5 feet below the crown. Shutoff valve on the waterside (WS) slope under building. FS Date: 6/26/2012 4:02:26 PM					

Photo 2 of 3 : UCIP\_FA\_2019\_5933\_9042.jpg



Valve sticking up under building on WS slope.

LM Start	<b>17.49</b>	Rating **	M	Issue No.	<b>1841 (cont)</b>
LM End	<b>17.49</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5933\_9041.jpg



Building at waterside slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.50	Rating **	M	Issue No.	1842
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368590°	38.368590°
				-121.520310°	-121.520310°
DWR ID	18965				
Comment Code					
Inspector Comment					
DS_ID:18965 FS_ID:5934 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 2.5-inch steel electrical conduit through the levee, 6 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:04:34 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5934\_9045.jpg



Pipes through levee on WS slope.

LM Start	<b>17.50</b>	Rating **	M	Issue No.	<b>1842 (cont)</b>
LM End	<b>17.50</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5934\_9044.jpg



Pipes through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.50	Rating **	M	Issue No.	1843
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368580 °	38.368580 °
				-121.520310 °	-121.520310 °
DWR ID	18966				
Comment Code					
Inspector Comment					
DS_ID:18966					
FS_ID:5935					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 2-inch steel electrical conduit through the					
levee, 7 feet below the crown. Pipe visible under building on the					
waterside (WS) slope.					
FS Date: 6/26/2012 4:06:28 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5935\_9047.jpg



Pipes through levee on WS slope.

LM Start	<b>17.50</b>	Rating **	M	Issue No.	<b>1843 (cont)</b>
LM End	<b>17.50</b>	Issue Type +	En	Location *	

Photo 2 of 2 : UCIP\_FA\_2019\_5935\_9046.jpg



Pipes through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.50	Rating **	M	Issue No.	1844
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368570 °	38.368570 °
				-121.520310 °	-121.520310 °
DWR ID	18968				
Comment Code					
Inspector Comment					
DS_ID:18968					
FS_ID:5936					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permits identified for this crossing.					
FIELD_STRUCT_DESC: 2-inch polyvinyl chloride (PVC) pipe of an unknown purpose through the levee, 5.5 feet below the crown. Pipe visible under building on the waterside (WS) slope.					
FS Date: 6/26/2012 4:07:33 PM					

Photo 1 of 1 : UCIP\_FA\_2019\_5936\_9048.jpg



Pipes through levee on WS slope.

LM Start	17.50	Rating **	M	Issue No.	1845
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368560 °	38.368560 °
				-121.520300 °	-121.520300 °
DWR ID	18967				
Comment Code					
Inspector Comment					
DS_ID:18967					
FS_ID:5937					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 5 feet below the crown. Pipe visible under building on the waterside (WS) slope.					
FS Date: 6/26/2012 4:08:42 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5937\_9050.jpg



Pipes through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.50	Rating **	M	Issue No.	1845 (cont)
LM End	17.50	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368560 °	38.368560 °
				-121.520300 °	-121.520300 °
DWR ID	18967				
Comment Code					
Inspector Comment					
DS_ID:18967 FS_ID:5937 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 4-inch steel water line through the levee, 5 feet below the crown. Pipe visible under building on the waterside (WS) slope. FS Date: 6/26/2012 4:08:42 PM					

Photo 2 of 2 : UCIP\_FA\_2019\_5937\_9049.jpg



Pipe exiting from concret wall on LS shoulder.

LM Start	17.52	Rating **	M	Issue No.	1846
LM End	17.52	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.368270 °	38.368270 °
				-121.520220 °	-121.520220 °
DWR ID	18969				
Comment Code					
Inspector Comment					
DS_ID:18969					
FS_ID:5938					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: No permit identified for this crossing.					
FIELD_STRUCT_DESC: 4-inch cast iron sewer line through the levee, 2.5 feet below the crown. Pipe visible under building on the waterside (WS) slope.					
FS Date: 6/26/2012 4:10:08 PM					

Photo 1 of 2 : UCIP\_FA\_2019\_5938\_9052.jpg



Pipe through levee on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.52	Rating **	M	Issue No.	1846 (cont)	
LM End	17.52	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.368270 °	38.368270 °	
				-121.520220 °	-121.520220 °	
DWR ID	18969					
Comment Code						
Inspector Comment						
DS_ID:18969						
FS_ID:5938						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No permit identified for this crossing.						
FIELD_STRUCT_DESC: 4-inch cast iron sewer line through the levee, 2.5 feet below the crown. Pipe visible under building on the waterside (WS) slope.						
FS Date: 6/26/2012 4:10:08 PM						

Photo 2 of 2 : UCIP\_FA\_2019\_5938\_9051.jpg



Pipe under south corner of building on WS slope.

LM Start	17.57	Rating **	M	Issue No.	1847	
LM End	17.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.367650 °	38.367650 °	
				-121.520040 °	-121.520040 °	
DWR ID	18963					
Comment Code						
Inspector Comment						
DS_ID:18963 FS_ID:5939 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) domestic water line through the levee, 1.5 feet below the crown. Pipe runs from corner of building to pump house catwalk on the waterside (WS) shoulder. FS Date: 7/25/2012 4:11:55 PM						

Photo 1 of 2 : UCIP\_FA\_2019\_5939\_9054.jpg



PVC waterline on downstream side of pier walkway.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.57	Rating **	M	Issue No.	1847 (cont)	
LM End	17.57	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.367650 °	38.367650 °	
				-121.520040 °	-121.520040 °	
DWR ID	18963					
Comment Code						
Inspector Comment						
DS_ID:18963 FS_ID:5939 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: No permit identified for this crossing. FIELD_STRUCT_DESC: 1-inch polyvinyl chloride (PVC) domestic water line through the levee, 1.5 feet below the crown. Pipe runs from corner of building to pump house catwalk on the waterside (WS) shoulder. FS Date: 7/25/2012 4:11:55 PM						

Photo 2 of 2 : UCIP\_FA\_2019\_5939\_9053.jpg



cut through concrete at building on LS shoulder where waterline was installed (per inspector).

LM Start	17.57	Rating **	A/W	Issue No.	293	
LM End	17.87	Issue Type +	Ob	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	2017 Storm Damage			38.367561 °	38.363287 °	
				-121.520004 °	-121.519847 °	
DWR ID	106-165					
Comment Code						
Inspector Comment						
Levee Evaluation Comments						
Description:						
Site ID No:59						
Site Designation:106-165						
Repair Type: Seepage						
Rating:						
Field Date:						
Notes:						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 1 of 3 : UCIP\_FA\_2019\_53479\_20815.jpg



Pipe under pier.



## Levee Inspection Report By Mile - Fall 2019

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

Photo 2 of 3 : UCIP\_FA\_2019\_53479\_76372.jpg



WS view: Sink hole present along pipe alignment.

Comment Code
Inspector Comment
<p>DS_ID:17682  FS_ID:53479  EP_NO: 9635  Repair Type: Urgent  Crossing Status: Found  UCIP Comments: 08/24/2018 Sink hole has been excavated. It does not appear that anything else has been done besides that. No additional documentation has been provided by the owner, the LMA, or CVFPB. As they discussed with Clay Booher of DWR, the CVFPB determined that it would be best to not remove all sections of the pipe. Instead they suggest to remove the exposed section of the pipe and recompacting the soil. Clay Booher will update the plans and send in a repair plan in September. Crossing remains "Urgent" until further action is taken to abandon it properly. (A. McDonald - DWR UCIP)12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP)  FIELD_STRUCT_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at the centerline of the levee back to the river. A 4-inch steel conduit runs parallel to the 36-inch pipe and terminates in the 36-inch pipe near the waterside (WS) slope. A sink hole has developed, November 2016. (Fish screen clogging engineering test facility with pump authorized under Permit Nos. 9635, 1974, and 9635-B, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch. Permit No. 9635-A, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch, issued for two trailers on the crown and the installation of a septic system. Facility is temporary. It should have been removed on July 1, 1977, per permit recordation, Page 29 or 76).  FS Date: 8/24/2018</p>

* Location	** Rating	+ Issue Type
LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	A : Acceptable                      N : Not Inspected/Rated M : Minimally Acceptable        C : Corrected U : Unacceptable                  A/W : Acceptable but Monitor & Maintain	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>17.59</b>	Rating **	U	Issue No.	<b>1848 (cont)</b>
LM End	<b>17.59</b>	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.367310 °	38.367310 °
				-121.519980 °	-121.519980 °
DWR ID	17682				

**Comment Code**

**Inspector Comment**

DS\_ID:17682

FS\_ID:53479

EP\_NO: 9635

Repair Type: Urgent

Crossing Status: Found

UCIP Comments: 08/24/2018 Sink hole has been excavated. It does not appear that anything else has been done besides that. No additional documentation has been provided by the owner, the LMA, or CVFPB. As they discussed with Clay Booher of DWR, the CVFPB determined that it would be best to not remove all sections of the pipe. Instead they suggest to remove the exposed section of the pipe and recompact the soil. Clay Booher will update the plans and send in a repair plan in September. Crossing remains "Urgent" until further action is taken to abandon it properly. (A. McDonald - DWR UCIP)12/02/2016 Sink hole has developed in the last few weeks according to LMA representative. Hole through pipe section was also observed during inspection. Need to contact owner to inform owner of pipe failure and to stop use of crossing to avoid further damage to levee. (O. Magana - DWR UCIP)06/26/2012 No apparent closure device on pipe and pipe has no indication that it was properly abandoned. Urgent do to size of pipe. (W. Wylie - DWR UCIP)

FIELD\_STRUCT\_DESC: 3 of 3: 36-inch corrugated metal drainage pipe through the levee, 5 feet below the crown. Pipe runs under the pier walkway from the location of a removed fish screen test facility at the centerline of the levee back to the river. A 4-inch steel conduit runs parallel to the 36-inch pipe and terminates in the 36-inch pipe near the waterside (WS) slope. A sink hole has developed, November 2016. (Fish screen clogging engineering test facility with pump authorized under Permit Nos. 9635, 1974, and 9635-B, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch. Permit No. 9635-A, 1975 - State of California, Department of Water Resources [DWR], Central District, Delta Branch, issued for two trailers on the crown and the installation of a septic system. Facility is temporary. It should have been removed on July 1, 1977, per permit recordation, Page 29 or 76).

FS Date: 8/24/2018

Photo 3 of 3 : UCIP\_FA\_2019\_53479\_76373.jpg



WS view: 2.5-feet by 3-feet sink hole present on WS.

* Location	** Rating	+ Issue Type
LS : Land Side WS : Water Side CR : Crown	A : Acceptable M : Minimally Acceptable U : Unacceptable	Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
N/A : Not Applicable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.62	Rating **	M	Issue No.	611
LM End	17.64	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.366933 °	38.366543 °
				-121.520047 °	-121.520062 °
DWR ID	DWR_MA0009_01_s_2019_611				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	17.62	Rating **	M	Issue No.	198
LM End	17.62	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.366900 °	38.366900 °
				-121.520022 °	-121.520022 °
DWR ID	DWR_MA0009_01_s_2012_198				
Comment Code					
BU : Building					
Inspector Comment					
Pumphouse downstream of the Town of Hood.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_198\_20190904\_00124.jpg



View of the old pumphouse at the toe of the levee on the landward side looking downstream. Fall 2015.

LM Start	17.69	Rating **	M	Issue No.	613
LM End	17.69	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.365923 °	38.365923 °
				-121.519992 °	-121.519992 °
DWR ID	DWR_MA0009_01_s_2019_613				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.72	Rating **	M	Issue No.	470
LM End	17.75	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.365415 °	38.364973 °
				-121.519927 °	-121.519890 °
DWR ID	DWR_MA0009_01_f_2018_470				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					
Vegetation on waterside slope also needs to be trimmed.					

No Photos

LM Start	17.78	Rating **	M	Issue No.	471
LM End	17.79	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.364610 °	38.364425 °
				-121.519875 °	-121.519765 °
DWR ID	DWR_MA0009_01_f_2018_471				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	17.83	Rating **	M	Issue No.	472
LM End	17.83	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.363885 °	38.363885 °
				-121.519862 °	-121.519862 °
DWR ID	DWR_MA0009_01_f_2018_472				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	



**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	17.87	Rating **	M	Issue No.	319
LM End	18.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.363225 °	38.359948 °
				-121.519900 °	-121.521253 °
DWR ID	DWR_MA0009_01_f_2019_319				
Comment Code					
V1 : Control annual grass and weeds on the levee slopes and easements.					
Inspector Comment					

No Photos

LM Start	17.88	Rating **	M	Issue No.	614
LM End	17.88	Issue Type +	En	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.363080 °	38.363080 °
				-121.519840 °	-121.519840 °
DWR ID	DWR_MA0009_01_s_2019_614				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Remove fallen tree from levee shoulder.					

No Photos

LM Start	17.98	Rating **	M	Issue No.	336
LM End	17.98	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.361630 °	38.361630 °
				-121.520010 °	-121.520010 °
DWR ID	DWR_MA0009_01_f_2019_336				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.07	Rating **	M	Issue No.	616
LM End	18.07	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.360558 °	38.360558 °
				-121.520670 °	-121.520670 °
DWR ID	DWR_MA0009_01_s_2019_616				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.08	Rating **	M	Issue No.	40
LM End	18.08	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.360380 °	38.360380 °
				-121.520776 °	-121.520776 °
DWR ID	DWR_MA0009_01_s_2016_40				
Comment Code					
FE : Fence					
Inspector Comment					
The wrought iron fence does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_40\_20190904\_00015.jpg



View of the wrought iron fence on the shoulder of the levee on the landward side looking upstream. Spring 2016.

LM Start	18.09	Rating **	M	Issue No.	474
LM End	18.09	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.360317 °	38.360317 °
				-121.520866 °	-121.520866 °
DWR ID	DWR_MA0009_01_f_2018_474				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.10	Rating **	M	Issue No.	1849	
LM End	18.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.360178 °		38.360178 °
				-121.521098 °		-121.521098 °
DWR ID	17688					
Comment Code						
Inspector Comment						
DS_ID:17688 FS_ID:41064 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM						

LM Start	<b>18.10</b>	Rating **	M	Issue No.	<b>1849 (cont)</b>
LM End	<b>18.10</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_41064\_7277.jpg



12-inch with 8-inch on WS slope and 1.25-inch electrical conduit.

Photo 2 of 3 : UCIP\_FA\_2019\_41064\_7276.jpg



Pump on Pier on WS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.10	Rating **	M	Issue No.	1849 (cont)	
LM End	18.10	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.360178 °		38.360178 °
				-121.521098 °		-121.521098 °
DWR ID	17688					
Comment Code						
Inspector Comment						
DS_ID:17688 FS_ID:41064 EP_NO: 2391 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Pump and pipe appear to be abandoned. Need to properly abandon pipe and pump. Pier is a hazardous attractive nuisance. FIELD_STRUCT_DESC: 2 of 2: 12-inch pipe through levee, 7.3 feet below crown with an 8-inch pipe sleeved through it. Pipe and gate valve on waterward side attached to a pump on a pier. 1.25-inch galvanized steel electrical conduit through levee parallel to the 12-inch. 24-inch concrete standpipe, JP, and meter at LS toe (Permit No. 2391). Originally included in O+M manual (1955). FS Date: 6/26/2012 7:49:00 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_41064\_7275.jpg



Ruptured pipe in water at WS toe.

LM Start	18.12	Rating **	M	Issue No.	475
LM End	18.12	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.359970 °	38.359970 °
				-121.521224 °	-121.521224 °
DWR ID	DWR_MA0009_01_f_2018_475				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.16	Rating **	M	Issue No.	197
LM End	18.16	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.359501°	38.359501°
				-121.521774°	-121.521774°
DWR ID	DWR_MA0009_01_s_2012_197				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_197\_20190904\_00123.jpg



View of the groundcover and redwood trees on the landward side of the levee looking upstream. Spring 2016.

LM Start	18.16	Rating **	M	Issue No.	476
LM End	18.16	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.359490 °	38.359490 °
				-121.521848 °	-121.521848 °
DWR ID	DWR_MA0009_01_f_2018_476				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.18	Rating **	M	Issue No.	625
LM End	18.22	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.359355°	38.359080°
				-121.522022°	-121.522683°
DWR ID	DWR_MA0009_01_s_2019_625				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

* Location LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		** Rating A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		+ Issue Type Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.20	Rating **	M	Issue No.	477
LM End	18.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.359183 °	38.359045 °
				-121.522453 °	-121.522775 °
DWR ID	DWR_MA0009_01_f_2018_477				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.22	Rating **	M	Issue No.	1850	
LM End	18.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.359050 °	38.359050 °	
				-121.522800 °	-121.522800 °	
DWR ID	17446					
Comment Code						
Inspector Comment						
DS_ID:17446						
FS_ID:5305						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned.						
FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955).						
FS Date: 6/26/2012 8:06:32 AM						

Photo 1 of 3 : UCIP\_FA\_2019\_5305\_7280.jpg



Pipe through concrete block on LS toe

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.22	Rating **	M	Issue No.	1850 (cont)	
LM End	18.22	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.359050 °	38.359050 °	
				-121.522800 °	-121.522800 °	
DWR ID	17446					
Comment Code						
Inspector Comment						
DS_ID:17446 FS_ID:5305 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Could not verify welded steel plates on either end of pipe. Pipe needs to be properly abandoned. FIELD_STRUCT_DESC: *ABANDONED* 10-inch pipe through levee, 8.8 feet below crown. Steel plate welded on both ends by United States Army Corps of Engineers. Pipe visible on LS 5-feet upstream from 4X4 concrete box on LS toe. Originally included in O+M manual (1955). FS Date: 6/26/2012 8:06:32 AM						

Photo 2 of 3 : UCIP\_FA\_2019\_5305\_7279.jpg



Pipe on LS toe.

LM Start	<b>18.22</b>	Rating **	M	Issue No.	<b>1850 (cont)</b>
LM End	<b>18.22</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5305\_7278.jpg



Pipe 5-feet upstream from 4X4 concrete box on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.26	Rating **	M	Issue No.	478
LM End	18.29	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.358802 °	38.358574 °
				-121.523351 °	-121.523870 °
DWR ID	DWR_MA0009_01_f_2018_478				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.31	Rating **	M	Issue No.	1851
LM End	18.31	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.358430 °	38.358430 °
				-121.524130 °	-121.524130 °
DWR ID	17447				
Comment Code					
Inspector Comment					
DS_ID:17447					
FS_ID:5306					
EP_NO: N/A					
Repair Type: Non-Urgent					
Crossing Status: Found					
UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS.					
FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope buried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955).					
FS Date: 6/26/2012 8:35:06 AM					

Photo 1 of 3 : UCIP\_FA\_2019\_5306\_7283.jpg



Concrete standpipe, Joint pole, and meter on LS toe.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.31	Rating **	M	Issue No.	1851 (cont)	
LM End	18.31	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.358430 °	38.358430 °	
				-121.524130 °	-121.524130 °	
DWR ID	17447					
Comment Code						
Inspector Comment						
DS_ID:17447						
FS_ID:5306						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Pump leaking oil and siphon breaker on landward slope is burried or has been removed. Need to repair oil leak, locate/repair siphon breaker, and remove foliage from around gate valve on WS.						
FIELD_STRUCT_DESC: 1 of 3: 10-inch pipe through levee, 7.0 feet below crown. Slant pump on pile structure in stream. Siphon break on landward slope buried. One cm cutoff wall. Service pole and concrete standpipe on landward side. Originally included in O+M manual (1955).						
FS Date: 6/26/2012 8:35:06 AM						

Photo 2 of 3 : UCIP\_FA\_2019\_5306\_7282.jpg



various pipes on WS slope that accompany the slant pump.

LM Start	<b>18.31</b>	Rating **	M	Issue No.	<b>1851 (cont)</b>
LM End	<b>18.31</b>	Issue Type +	En	Location *	

Photo 3 of 3 : UCIP\_FA\_2019\_5306\_7281.jpg



Slant pump on pile structure on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.32	Rating **	M	Issue No.	956
LM End	18.32	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.358278 °	38.358278 °
				-121.524323 °	-121.524323 °
DWR ID	DWR_MA0009_01_s_2012_956				
Comment Code					
FE : Fence					
Inspector Comment					
The brick fence does not appear to be authorized.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_956\_20190904\_00304.jpg



View of the brick wall and landscaping on the landward side of the levee looking upstream. Spring 2016.

LM Start	18.36	Rating **	C	Issue No.	440
LM End	18.36	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.357983 °	38.357983 °
				-121.524893 °	-121.524893 °
DWR ID	DWR_MA0009_01_f_2017_440				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair erosion around culvert inlet on landside slope.					

No Photos

LM Start	18.38	Rating **	M	Issue No.	479
LM End	18.38	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.357810 °	38.357810 °
				-121.525248 °	-121.525248 °
DWR ID	DWR_MA0009_01_f_2018_479				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

* Location		** Rating		+ Issue Type	
LS : Land Side	N/A : Not Applicable	A : Acceptable	N : Not Inspected/Rated	Ma : Maintenance Deficiency	
WS : Water Side		M : Minimally Acceptable	C : Corrected	Ob : Design & System Obsolescence	
CR : Crown		U : Unacceptable	A/W : Acceptable but Monitor & Maintain	En : Enforcement	

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.41	Rating **	M	Issue No.	480
LM End	18.41	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.357455 °	38.357455 °
				-121.525644 °	-121.525644 °
DWR ID	DWR_MA0009_01_f_2018_480				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.43	Rating **	U	Issue No.	332
LM End	18.43	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.357278 °	38.357278 °
				-121.525817 °	-121.525817 °
DWR ID	DWR_MA0009_01_s_2017_332				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Erosion on landside slope next to drainage gutter.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_332\_20190904\_00232.jpg



Updated view of erosion. Fall 2017.

LM Start	<b>18.43</b>	Rating **	U	Issue No.	<b>332 (cont)</b>
LM End	<b>18.43</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_332\_20190904\_00233.jpg



View of erosion on landside levee slope. Spring 2017.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown		<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable		N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain		<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement	
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>18.43</b>	Rating **	A/W	Issue No.	<b>490</b>
LM End	<b>18.43</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Animal Control		38.357226°	38.357226°	
			-121.525839°	-121.525839°	
DWR ID	DWR_MA0009_01_f_2018_490				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	<b>18.45</b>	Rating **	M	Issue No.	<b>481</b>
LM End	<b>18.45</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.357111°	38.357111°	
			-121.526006°	-121.526006°	
DWR ID	DWR_MA0009_01_f_2018_481				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	<b>18.49</b>	Rating **	M	Issue No.	<b>482</b>
LM End	<b>18.49</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.356555°	38.356555°	
			-121.526526°	-121.526526°	
DWR ID	DWR_MA0009_01_f_2018_482				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>18.51</b>	Rating **	M	Issue No.	<b>483</b>
LM End	<b>18.51</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.356370 °	38.356370 °	
			-121.526706 °	-121.526706 °	
DWR ID	DWR_MA0009_01_f_2018_483				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	<b>18.54</b>	Rating **	M	Issue No.	<b>484</b>
LM End	<b>18.55</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee		GPS Latitude/Longitude		
			Start	End	
Item	Trim / Thin Trees		38.356015 °	38.355853 °	
			-121.527068 °	-121.527205 °	
DWR ID	DWR_MA0009_01_f_2018_484				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.60	Rating **	M	Issue No.	1852
LM End	18.60	Issue Type +	En	Location *	
Category	Supplemental			GPS Latitude/Longitude	
				Start	End
Item	DRAFT DWR UCIP Field Study			38.355380 °	38.355380 °
				-121.527660 °	-121.527660 °
DWR ID	17449				

**Comment Code**

**Inspector Comment**

DS\_ID:17449  
FS\_ID:5311  
EP\_NO: N/A  
Repair Type: Non-Urgent  
Crossing Status: Found  
UCIP Comments: No pump connection and no closure device found. Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends.  
FIELD\_STRUCT\_DESC: 12-inch asphalt wrapped steel irrigation pipe with pipe sleeved through it through the levee, 4 feet below the crown. Pump components on concrete pad on the waterside (WS) slope. Siphon breaker on landside (LS) slope is missing. Remnants of a 36-inch concrete pipe riser on the LS toe. One corrugated metal cutoff wall. 2-inch galvanized steel electrical conduit through the levee, at an unknown depth, to a joint pole (JP) on the LS. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 111, May 1959, (RM 37.32), listed as a 6-inch pipe, 6.7 feet below the crown].  
FS Date: 6/26/2012 9:33:51 AM

LM Start	<b>18.60</b>	Rating **	M	Issue No.	<b>1852 (cont)</b>
LM End	<b>18.60</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5311\_7294.jpg



Concrete pad for missing pump on WS slope. 2-inch galvanized electrical conduit in foreground.

Photo 2 of 3 : UCIP\_FA\_2019\_5311\_7293.jpg



12-inch pipe with 4-inch attachment or sleeved through. Fuse box.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	<b>N : Not Inspected/Rated</b> C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.60	Rating **	M	Issue No.	1852 (cont)	
LM End	18.60	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.355380 °	38.355380 °	
				-121.527660 °	-121.527660 °	
DWR ID	17449					
Comment Code						
Inspector Comment						
DS_ID:17449						
FS_ID:5311						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: No pump connection and no closure device found. Pipe needs to be closed and abandoned properly. Notes in levee log indicate that this pipe had welded steel plates but none were found on pipe ends.						
FIELD_STRUCT_DESC: 12-inch asphalt wrapped steel irrigation pipe with pipe sleeved through it through the levee, 4 feet below the crown. Pump components on concrete pad on the waterside (WS) slope. Siphon breaker on landside (LS) slope is missing. Remnants of a 36-inch concrete pipe riser on the LS toe. One corrugated metal cutoff wall. 2-inch galvanized steel electrical conduit through the levee, at an unknown depth, to a joint pole (JP) on the LS. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual 111, May 1959, (RM 37.32), listed as a 6-inch pipe, 6.7 feet below the crown].						
FS Date: 6/26/2012 9:33:51 AM						

Photo 3 of 3 : UCIP\_FA\_2019\_5311\_7295.jpg



Remnants of 36-inch concrete standpipe on LS toe.

LM Start	18.63	Rating **	M	Issue No.	315
LM End	18.63	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.355026 °	38.355026 °
				-121.528077 °	-121.528077 °
DWR ID	DWR_MA0009_01_s_2017_315				
Comment Code					
E1 : Note and monitor erosion site.					
Inspector Comment					
Repair runoff erosion at waterside hinge point.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_315\_20191010\_00548.jpg



View of erosion at hinge point. Fall 2019

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.64	Rating **	M	Issue No.	485
LM End	18.82	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.354878 °	38.352851 °
				-121.528168 °	-121.530133 °
DWR ID	DWR_MA0009_01_f_2018_485				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.70	Rating **	M	Issue No.	489
LM End	18.70	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.354208 °	38.354208 °
				-121.528808 °	-121.528808 °
DWR ID	DWR_MA0009_01_f_2018_489				
Comment Code					
TR : Tree or limb					
Inspector Comment					
Fallen tree needs to be removed.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_489\_20190904\_00288.jpg



View of fallen tree near levee toe. Fall 2018

LM Start	18.70	Rating **	M	Issue No.	190
LM End	18.70	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.354253 °	38.354253 °
				-121.528928 °	-121.528928 °
DWR ID	DWR_MA0009_01_s_2012_190				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.74	Rating **	M	Issue No.	192
LM End	18.80	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.353785 °	38.353038 °
				-121.529430 °	-121.530123 °
DWR ID	DWR_MA0009_01_s_2012_192				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

LM Start	18.84	Rating **	M	Issue No.	437
LM End	18.84	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Erosion / Bank Caving			38.352528 °	38.352528 °
				-121.530385 °	-121.530385 °
DWR ID	DWR_MA0009_01_f_2017_437				
Comment Code					
E2 : Schedule repair of erosion site prior to the next inspection.					
Inspector Comment					
Repair runoff erosion on landside slope and access ramp.					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_437\_20190904\_00284.jpg



View of erosion on landside slope and ramp. Fall 2017.

LM Start	18.85	Rating **	M	Issue No.	320
LM End	18.85	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.352442 °	38.352442 °
				-121.530425 °	-121.530425 °
DWR ID	DWR_MA0009_01_f_2019_320				
Comment Code					
CR : Crops					
Inspector Comment					
Remove cactus from landside levee slope.					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.86	Rating **	M	Issue No.	259
LM End	19.04	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.352352 °	38.350291 °
				-121.530622 °	-121.532780 °
DWR ID	DWR_MA0009_01_f_2018_259				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

LM Start	18.86	Rating **	A/W	Issue No.	488
LM End	18.86	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.352270 °	38.352270 °
				-121.530653 °	-121.530653 °
DWR ID	DWR_MA0009_01_f_2018_488				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					

No Photos

LM Start	18.92	Rating **	M	Issue No.	193
LM End	18.92	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351783 °	38.351783 °
				-121.531403 °	-121.531403 °
DWR ID	DWR_MA0009_01_s_2012_193				
Comment Code					
V4 : Elderberries are blocking visibility and flood fight capability.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.92	Rating **	M	Issue No.	621
LM End	18.92	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.351628 °	38.351628 °
				-121.531302 °	-121.531302 °
DWR ID	DWR_MA0009_01_s_2019_621				
Comment Code					
T1 : Trim trees to at least five feet above ground level.					
Inspector Comment					

No Photos

LM Start	18.94	Rating **	M	Issue No.	1853	
LM End	18.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.351440 °	38.351440 °	
				-121.531580 °	-121.531580 °	
DWR ID	17554					
Comment Code						
Inspector Comment						
DS_ID:17554						
FS_ID:5780						
EP_NO: 6001						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve.						
FIELD_STRUCT_DESC: 3-inch galvanized iron drainage pipe through the levee, 3 feet below the crown. Concrete boxes on both ends of the pipe. Steel sign post on the landside (LS) shoulder marks concrete box. Black polyvinyl chloride (PVC) pipe runs up the LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC pipe runs down the waterside (WS) slope within a corrugated metal sluice.						
Electrical connection also noted on headwall. (Permit No. 6001, 1968 - Peter D. Scatena). Minor design drawings available in permit.						
FS Date: 7/25/2012 2:58:03 PM						

Photo 1 of 3 : UCIP\_FA\_2019\_5780\_8743.jpg



Concrete headwall on LS slope showing 3-inch pipe, electrical conduit, and sign post.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.94	Rating **	M	Issue No.	1853 (cont)	
LM End	18.94	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.351440 °	38.351440 °	
				-121.531580 °	-121.531580 °	
DWR ID	17554					
Comment Code						
Inspector Comment						
DS_ID:17554 FS_ID:5780 EP_NO: 6001 Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Black PVC pipe on LS shoulder not connected to 3-inch pipe through the levee and there is no shutoff valve. FIELD_STRUCT_DESC: 3-inch galvanized iron drainage pipe through the levee, 3 feet below the crown. Concrete boxes on both ends of the pipe. Steel sign post on the landside (LS) shoulder marks concrete box. Black polyvinyl chloride (PVC) pipe runs up the LS slope to concrete headwall and connection to 3-inch pipe. 3.5-inch white PVC pipe runs down the waterside (WS) slope within a corrugated metal sluice. Electrical connection also noted on headwall. (Permit No. 6001, 1968 - Peter D. Scatena). Minor design drawings available in permit. FS Date: 7/25/2012 2:58:03 PM						

LM Start	<b>18.94</b>	Rating **	M	Issue No.	<b>1853 (cont)</b>
LM End	<b>18.94</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5780\_8742.jpg



Concrete U shaped headwall at outlet showing white PVC pipe in corrugated metal sluice on WS shoulder.

Photo 3 of 3 : UCIP\_FA\_2019\_5780\_8741.jpg



Concrete stairs on WS slope just upstream from pipe crossing.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	18.95	Rating **	M	Issue No.	194
LM End	18.95	Issue Type +	En	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.351293°	38.351293°
				-121.531639°	-121.531639°
DWR ID	DWR_MA0009_01_s_2012_194				
Comment Code					
V6 : Landscaping					
Inspector Comment					

Photo 1 of 1 : FA\_2019\_MA0009\_201\_194\_20190904\_00121.jpg



View of the shrubs on the landward side of the levee looking upstream. Spring 2016.

LM Start	19.01	Rating **	A/W	Issue No.	487
LM End	19.01	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Animal Control			38.350600 °	38.350600 °
				-121.532409 °	-121.532409 °
DWR ID	DWR_MA0009_01_f_2018_487				
Comment Code					
A3 : No rodents visible, but rodent burrows visible; need to backfill and compact or grout burrows.					
Inspector Comment					
LMA backfilled animal burrows.					

Photo 1 of 2 : FA\_2019\_MA0009\_201\_487\_20190904\_00286.jpg



View of recent rodent burrows. Fall 2018

LM Start	<b>19.01</b>	Rating **	A/W	Issue No.	<b>487 (cont)</b>
LM End	<b>19.01</b>	Issue Type +	Ma	Location *	LS

Photo 2 of 2 : FA\_2019\_MA0009\_201\_487\_20190904\_00287.jpg



View of rodent activity. Fall 2018

\* Location  
LS : Land Side    N/A : Not Applicable  
WS : Water Side  
CR : Crown

\*\* Rating  
A : Acceptable                      N : Not Inspected/Rated  
M : Minimally Acceptable        C : Corrected  
U : Unacceptable                  A/W : Acceptable but Monitor & Maintain

+ Issue Type  
Ma : Maintenance Deficiency  
Ob : Design & System Obsolescence  
En : Enforcement

**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.03	Rating **	M	Issue No.	1854	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start		End
Item	DRAFT DWR UCIP Field Study			38.350460 °		38.350460 °
				-121.532600 °		-121.532600 °
DWR ID	17451					
Comment Code						
Inspector Comment						
DS_ID:17451						
FS_ID:5783						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: Oil leaking all over pump platform and ground around pump. CMP riser on LS slope is damaged and should be marked to prevent further damage of siphon breaker and roadway equipment.						
FIELD_STRUCT_DESC: 12-inch pipe through levee, 4.5 feet below crown. Slant Pump on pile structure on WS slope. Siphon breaker on landward slope. 1.5-inch galvanized electrical conduit 4.5-feet below the crown from JP on LS toe to Breaker on slant pump pier. 36-inch Concrete standpipe on LS toe. One cm cutoff wall. Originally included in O+M manual (1955).						
FS Date: 7/25/2012 3:15:00 PM						

LM Start	<b>19.03</b>	Rating **	M	Issue No.	<b>1854 (cont)</b>
LM End	<b>19.03</b>	Issue Type +	En	Location *	

Photo 1 of 3 : UCIP\_FA\_2019\_5783\_8754.jpg



36-inch concrete standpipe on LS toe.

Photo 2 of 3 : UCIP\_FA\_2019\_5783\_8753.jpg



Slant pump on Pile structure WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>19.03</b>	Rating **	M	Issue No.	<b>1854 (cont)</b>							
LM End	<b>19.03</b>	Issue Type +	En	Location *								
Category	Supplemental		GPS Latitude/Longitude									
			Start	End								
Item	DRAFT DWR UCIP Field Study		38.350460 °	38.350460 °								
			-121.532600 °	-121.532600 °								
DWR ID	17451											
Comment Code												
Inspector Comment												
DS_ID:17451 FS_ID:5783 EP_NO: N/A Repair Type: Non-Urgent Crossing Status: Found UCIP Comments: Oil leaking all over pump platform and ground around pump. CMP riser on LS slope is damaged and should be marked to prevent further damage of siphon breaker and roadway equipment. FIELD_STRUCT_DESC: 12-inch pipe through levee, 4.5 feet below crown. Slant Pump on pile structure on WS slope. Siphon breaker on landward slope. 1.5-inch galvanized electrical conduit 4.5-feet below the crown from JP on LS toe to Breaker on slant pump pier. 36-inch Concrete standpipe on LS toe. One cm cutoff wall. Originally included in O+M manual (1955). FS Date: 7/25/2012 3:15:00 PM												

Photo 3 of 3 : UCIP\_FA\_2019\_5783\_8752.jpg



Pipe below structure on upstream side of slantpump.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.03	Rating **	U	Issue No.	1855	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.350450 °	38.350450 °	
				-121.532610 °	-121.532610 °	
DWR ID	17579					
Comment Code						
Inspector Comment						
DS_ID:17579 FS_ID:53481 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Pipe open on both ends. Excavation damaged the LS toe. LS end of the pipe has been dug up, and the LS riser and standpipe have both been removed. Electrical conduit visible where the LS pipe was dug up. Crossing remains "Urgent" due to a cut on the LS toe. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M Manual (1959) as a 10-inch pipe. Pipe open on both ends, excavation damaged the LS toe, LS end of pipe dug up, and LS riser and standpipe removed, August 2018. Electrical conduit visible where the LS pipe was dug up. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)]. FS Date: 8/24/2018						

Photo 1 of 3 : UCIP\_FA\_2019\_53481\_20818.jpg



12-inch abandoned pipe open on WS.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.03	Rating **	U	Issue No.	1855 (cont)	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.350450 °	38.350450 °	
				-121.532610 °	-121.532610 °	
DWR ID	17579					
Comment Code						
Inspector Comment						
DS_ID:17579 FS_ID:53481 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Pipe open on both ends. Excavation damaged the LS toe. LS end of the pipe has been dug up, and the LS riser and standpipe have both been removed. Electrical conduit visible where the LS pipe was dug up. Crossing remains "Urgent" due to a cut on the LS toe. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M Manual (1959) as a 10-inch pipe. Pipe open on both ends, excavation damaged the LS toe, LS end of pipe dug up, and LS riser and standpipe removed, August 2018. Electrical conduit visible where the LS pipe was dug up. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)]. FS Date: 8/24/2018						

Photo 2 of 3 : UCIP\_FA\_2019\_53481\_20817.jpg



3-separate suction pipes on WS slope. All but one abandoned and left open.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.03	Rating **	U	Issue No.	1855 (cont)	
LM End	19.03	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.350450 °	38.350450 °	
				-121.532610 °	-121.532610 °	
DWR ID	17579					
Comment Code						
Inspector Comment						
DS_ID:17579 FS_ID:53481 EP_NO: N/A Repair Type: Urgent Crossing Status: Found UCIP Comments: 08/24/2018 Pipe open on both ends. Excavation damaged the LS toe. LS end of the pipe has been dug up, and the LS riser and standpipe have both been removed. Electrical conduit visible where the LS pipe was dug up. Crossing remains "Urgent" due to a cut on the LS toe. (A. McDonald - DWR UCIP)12/02/2016 same as last inspection. Owner will need to coordinate with CVFPB to comply with Title 23. Crossing remains "Urgent" due to pipe being opened on both WS and LS. (O. Magana - DWR UCIP)07/25/2012 This pipe has been abandoned improperly as it is open on the WS (it should be grouted in place or removed. Original slant pump piping and walkway are still visible on WS slope and may need to be removed. (W. Wylie - DWR UCIP) FIELD_STRUCT_DESC: *ABANDONED* 12-inch steel irrigation pipe through the levee, 6.5 feet below the crown. This pipe is located 2 feet below the 12-inch pipe currently in use (2012). Pipe originally included in USACE O&M Manual (1959) as a 10-inch pipe. Pipe open on both ends, excavation damaged the LS toe, LS end of pipe dug up, and LS riser and standpipe removed, August 2018. Electrical conduit visible where the LS pipe was dug up. [Additional Reference(s): DWR Levee Log, 1991. USACE Sacramento O&M Manual Unit 111, May 1959 (Station 36.88)]. FS Date: 8/24/2018						

Photo 3 of 3 : UCIP\_FA\_2019\_53481\_20816.jpg



Discarded metal walkway ramp and slant pump appurtenances on WS slope.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.13	Rating **	M	Issue No.	1856	
LM End	19.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.349330 °	38.349330 °	
				-121.533830 °	-121.533830 °	
DWR ID	17477					
Comment Code						
Inspector Comment						
DS_ID:17477						
FS_ID:5943						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work.						
FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955).						
FS Date: 7/25/2012 3:45:00 PM						

Photo 1 of 3 : UCIP\_FA\_2019\_5943\_9076.jpg



Siphon breaker on LS shoulder with JP and meter on LS toe.

LM Start	<b>19.13</b>	Rating **	M	Issue No.	<b>1856 (cont)</b>
LM End	<b>19.13</b>	Issue Type +	En	Location *	

Photo 2 of 3 : UCIP\_FA\_2019\_5943\_9075.jpg



Pump on Concrete pad WS slope. meter and valve on headwall.

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	19.13	Rating **	M	Issue No.	1856 (cont)	
LM End	19.13	Issue Type +	En	Location *		
Category	Supplemental			GPS Latitude/Longitude		
				Start	End	
Item	DRAFT DWR UCIP Field Study			38.349330 °	38.349330 °	
				-121.533830 °	-121.533830 °	
DWR ID	17477					
Comment Code						
Inspector Comment						
DS_ID:17477						
FS_ID:5943						
EP_NO: N/A						
Repair Type: Non-Urgent						
Crossing Status: Found						
UCIP Comments: This pipe is a good candidate for video inspection. headwall is cracked and generally looking in poor repair. This may need some work.						
FIELD_STRUCT_DESC: 10-inch pipe through levee, 3.0 feet below crown. Pump on concrete pad waterward slope with a siphon breaker in a 12-inch steel riser on the LS shoulder and a shutoff valve on the WS shoulder. Service pole on landward slope. Originally included in O+M manual as a 3-inch pipe(1955).						
FS Date: 7/25/2012 3:45:00 PM						

Photo 3 of 3 : UCIP\_FA\_2019\_5943\_9074.jpg



suction pipe on WS slope.

LM Start	19.14	Rating **	M	Issue No.	617	
LM End	19.14	Issue Type +	Ma	Location *	WS	
Category	Earthen Levee			GPS Latitude/Longitude		
				Start		End
Item	Trim / Thin Trees			38.349202 °		38.349202 °
				-121.534020 °		-121.534020 °
DWR ID	DWR_MA0009_01_s_2019_617					
Comment Code						
T1 : Trim trees to at least five feet above ground level.						
Inspector Comment						

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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**Flood Control Project Maintenance  
Levee Inspections**

**Levee Inspection Report By Mile - Fall 2019**

**Sacramento Maintenance Yard Maintenance Area 0009**

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Sacramento River	Left	19.35	10/02/2019 10/04/2019	Luz Dial

LM Start	<b>19.14</b>	Rating **	N	Issue No.	<b>620</b>
LM End	<b>19.14</b>	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.349162°	38.349162°
				-121.533988°	-121.533988°
DWR ID	DWR_MA0009_01_s_2019_620				
Comment Code					
T5 : Tree stumps.					
Inspector Comment					

No Photos

LM Start	<b>19.22</b>	Rating **	M	Issue No.	<b>486</b>
LM End	<b>19.32</b>	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.348385°	38.347180°
				-121.534845°	-121.535968°
DWR ID	DWR_MA0009_01_f_2018_486				
Comment Code					
T3 : Trim and thin trees to allow visibility of the ground and room to flood fight.					
Inspector Comment					

No Photos

<b>* Location</b> LS : Land Side    N/A : Not Applicable WS : Water Side CR : Crown	<b>** Rating</b> A : Acceptable M : Minimally Acceptable U : Unacceptable	N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain	<b>+ Issue Type</b> Ma : Maintenance Deficiency Ob : Design & System Obsolescence En : Enforcement
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